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## **Istituto Giordano S.p.A.** **Official Recognition, Authorisation, Accreditation and Membership**

### **1. ITALIAN GOVERNMENT DEPARTMENTS**

#### **1.1. Ministry of Infrastructure and Transport**

Laboratory operating under a concession from the Ministry of Infrastructure and Transport according to Ministerial Decree No. 22913 dated 27/11/1982 regarding Act No. 1086 dated 05/11/1971.  
Authorisation to test **construction materials** and issue test certificates.

#### **1.2. Ministry of Economic Development (formerly Ministry of Trade and Industry and previously Ministry of Industry, Trade and Crafts) and Ministry of Transport**

Provisional authorisation with Decree dated 09/11/1999 of the Ministry of Industry, Trade and Crafts in co-operation with the Ministry of Transport and Navigation (Official Journal of the Italian Republic, General Series No. 272 dated 19/11/1999) to carry out conformity certification procedures regarding **recreational craft** according to Directive 94/25/EC, as implemented by Legislative Decree No. 436 dated 14/08/1996.  
Authorisation with Decree dated 21 July 2006 of the Ministry for Economic Development, together with the Ministry of Transport (Official Journal of the Italian Republic, General Series No. 174 dated 28/07/2006) to carry out conformity evaluation procedures according to Legislative Decree No. 171 dated 18 July 2005 (Recreational Craft Code and implementation of Directive 2003/44/EC).

#### **1.3. Ministry of Economic Development (formerly Ministry of Trade and Industry and previously Ministry of Industry, Trade and Crafts) and Ministry of Work and Social Affairs (formerly Ministry of Work and Social Security)**

Decree dated 04/08/1994 of the Ministry of Industry, Trade and Crafts and Ministry of Work and Social Security (Official Journal of the Italian Republic, General Series No. 191 dated 17/08/1994).  
Decree dated 03/06/2002 of the Ministry of Trade and Industry (Official Journal of the Italian Republic, General Series No. 144 dated 21/06/2002).ok  
Decree dated 11/08/2005 issued by the Director-General for Production Development and Competitiveness and the Director-General for the Protection of Working Conditions (Official Journal of the Italian Republic, General Series No. 201 dated 30/08/2005).  
Notified Body for certification of **machinery** according to 89/392/EEC as amended (now 98/37/EEC) following Presidential Decree No. 459 dated 24/07/1996.  
Decree dated 7/11/2008 of the Director-General for Surveillance and the technical standard of the Ministry of Economic Development. Renewal of authorisation for certification of machinery according to 89/392/CEE, coded in 98/37/CE (Official Journal of the Italian Republic, General Series No. 283 dated 3/12/2008).  
Provisional Authorisation Decree, dated 28/12/2009 (Official Journal of the Italian Republic, General Series No. 43 dated 22/02/2010) for certification of machinery according to 2006/42/CE, in addition to authorisation already granted according to 89/392/CEE contained in 98/37/CE.

#### **1.4. Ministry of Industry, Trade and Crafts**

Notification with Document No. 757890 dated 15/12/1998.  
Notified Body for certification of **gas appliances** according to Directive 90/396/EEC, implemented by Presidential Decree No. 661 dated 15 November 1996.

### 1.5. Ministry of Industry, Trade and Crafts and Ministry of Work and Social Security

Ministerial Decree dated 09/07/1993 (Official Journal of the Italian Republic, General Series No. 259 dated 04/11/1993).

Notified Body for certification of **simple pressure vessels** covered by Directives 87/404/EEC and 90/488/EEC, as implemented by Legislative Decree No. 311 dated 27/09/1991, according to Art. 56 of Act No. 428 dated 29 December 1990.

### 1.6. Ministry of Industry, Trade and Crafts

Ministerial Decree dated 08/07/1993 (Official Journal of the Italian Republic, General Series No. 172 dated 24/07/1993).

Notified Body for certification of products covered by Directive 88/378/EEC on the approximation of the laws of the Member States concerning the safety of **toys**, as implemented by Legislative Decree No. 313 dated 27/09/1991, according to Art. 54 of Act No. 428 dated 29 December 1990.

### 1.7. Ministry of Industry, Trade and Crafts - General Directorate for Market Harmonisation and Protection

Memorandum of understanding authorising Istituto Giordano S.p.A. to carry out **product safety and conformity evaluation** as part of market surveillance and consumer protection, according to Act No. 140 dated 11<sup>th</sup> May 1999.

### 1.8. Ministry of Industry, Trade and Crafts

Ministerial Decree dated 02/04/1998.

Issue of conformity certificates for **energy performance and specifications of building and installation components** covered by Annex A to Decree dated 2 April 1998 (Document No. 761437 dated 01/03/2000).

### 1.9. Ministry of the Interior

Act No. 818 dated 07/12/1984 and Ministerial Decree dated 26/03/1985.

Authorisation dated 21/03/1986.

Authorisation to issue test certificates in the **reaction to fire** sector in accordance with Ministerial Decrees 26/06/1984 and 26/03/1985.

### 1.10. Ministry of the Interior

Act No. 818 dated 07/12/1984 and Ministerial Decree dated 26/03/1985.

Authorisation dated 03/07/1992.

Authorisation to issue test certificates in the **fire resistance** sector in accordance with Circular No. 7 dated 02/04/1991, Standard CNVVF/CCI UNI 9723 and Ministerial Decree 26/03/1985.

### 1.11. Ministry of the Interior

Art. 1 of Act No. 818 dated 7/12/1984 and Ministerial Decree dated 26/03/1985

Authorisation to issue test certificates in accordance with Ministerial Decree of 26 March 1985 in the following sectors of fire resistance:

- **Fire door and shutter assemblies** according to Ministerial Decree dated 21/06/2004 and technical-administrative guidelines issued by the Fire Department Central Directorate for Prevention and Technical Safety.
- Non loadbearing walls with penetration seals (wall configuration), linear joints (wall configuration), of service ducts, shafts and closures for conveyor systems in accordance with UNI EN 1364-1, UNI EN 1366-3, UNI EN 1366-4, UNI EN 1366-5, UNI EN 1366-7, according to procedures specified in Ministerial Decree of D.M. 16/2/2007 and technical/administrative guidelines issued by the Fire Department Central Directorate for Prevention and Technical Safety.
- **Loadbearing walls** according to UNI EN 1365-1, following procedures laid down in Ministerial Decree D.M. 16/2/2007 and technical/administrative guidelines issued by the Fire Department Central Directorate for Prevention and Technical Safety.
- **Floors, roofs, beams, balconies, walkways and stairs** in accordance with UNI EN 1365-2, UNI EN 1365-3, UNI EN 1365-5 e UNI EN 1365-6, following procedures laid down in Ministerial Decree of 16/2/2007 and technical/administrative guidelines issued by the Fire Department Central Directorate for Prevention and Technical Safety.
- Membrane ceiling, penetration seals (ceiling configuration), linear joint seals (ceiling configuration), service ducts and shafts and closures for conveyor systems in accordance with UNI EN 1364-2, UNI EN 1366-3, UNI EN 1366-4 e UNI EN 1366-5 following procedures laid down in Ministerial Decree of 16/2/2007 and technical/administrative guidelines issued by the Technical Safety and Prevention and Safety Office of the Fire Department.
- **Curtain Walls** in accordance with UNI EN 1364-3, following procedures laid down in Ministerial Decree of 16/02/2007 and technical/administrative guidelines issued by the Fire Department Central Directorate for Prevention and Technical Safety.

#### 1.12. MURST (Ministry of Universities, Scientific Research and Technology)

Act No. 46 dated 17/02/1982 and Ministerial Decree dated 09/10/1985.

Listed in the register of laboratories authorised to carry out **applied research on behalf of small and medium-sized enterprises.**

#### 1.13. Ministry of Education

Document No. 116 dated 27/03/1987.

**Listed in the National Research Register** with code No. E0490Y9Y.

#### 1.14. Ministry of Economic Development (formerly Ministry of Production, previously Ministry of Industry, Trade and Crafts)

Decree 24/05/2002 (Official Journal of the Italian Republic, General Series No. 137 dated 13/06/2002).

Decree 28/12/2005 issued by the Director-General for Development of Production and Competitiveness (renewal).

Authorisation to issue conformity certificates regarding **pressure equipment** according to 97/23/CE (PED), as implemented by Legislative Decree No. 93 of 25/02/2000.

Ministerial Decree issued by the Director-General for Surveillance and technical standard of 2/12/2008: Renewal of authorisation to issue certificates for pressure equipment as in 97/23/CE ((Official Journal of the Italian Republic, General Series No. 302 dated 029/12/2008).

#### 1.15. Ministry of Economic Development

Legislative Decree dated 02/02/2007 No. 22, Art. 9, Para. 1: Notified Body for conformity evaluation of measuring instruments:

- Annex M1-003 "Active electrical energy meters" limited to the following instruments:
  - alternative current mono-phase meters:
    - electromechanical meters for active energy, Class A-B-C,
    - static meters for active energy, Class A-B-C,
  - alternative current three-phase meters:
    - electromechanical meters for active energy, Class A-B-C,
    - static meters for active energy, Class A-B-C,
- Annex M1-002 "Gas meters and volume converters" limited to:
  - membrane gas meters, Class 1,5 and 1,0 and for maximum capacity 40 m<sup>3</sup>/h.

#### 1.16. Ministry of Infrastructure and Transport

Decree 13/12/2004 (Official Journal of the Italian Republic, General Series No. 30 dated 07/02/2005).

Notified body for certification of **transportable pressure equipment** according to Legislative Decree No. 23 dated 02/02/2002 and Directive 99/36/EC (TPED) with successive amendments.

Written confirmation of notified body status for certification of **transportable pressure equipment** according to Legislative Decree No. 23 of 02/02/2002, (Official Journal of the Italian Republic, General Series No. 289 dated 11/12/2008).

Authorisation to issue conformity certificates of **transportable pressure equipment** according to essential safety requirements in evaluation procedures as laid down in Annex IV, Parts I, II and III of Legislative Decree No. 23 dated 02/02/2002

#### 1.17. Ministry of Production

Decree 14/02/2002 (Official Journal of the Italian Republic, General Series No. 66 dated 19/03/2002) and

Renewal Decree 24/06/2003 (Official Journal of the Italian Republic, General Series No. 164 dated 17/07/2003).

Authorisation to issue conformity certificates regarding environmental noise emissions for **equipment and machinery** listed under Art. 12 of Directive 2000/14/EC in accordance with Annexes VI, VII and VIII.

#### 1.18. Ministry of Transport and Navigation

Decree 05/02/2003 (Official Journal of the Italian Republic, General Series No. 47 dated 26/02/2003).

Authorisation to carry out conformity evaluation procedures in the **marine equipment** sector according to Directives 98/96/CE and 98/85/CE, as implemented by Presidential Decree No. 407 dated 06/10/1999.

#### 1.19. Ministry of Economic Development (formerly Ministry of Production)

Decree 17/09/2004 (Official Journal of the Italian Republic, General Series No. 236 dated 07/10/2004) and

Decree of Renewal/Extension of 13/03/2008 (Official Journal of the Italian Republic, General Series No. 78 dated 02/04/2008) for the issue of test certificates for **lifts and safety components** according to Directive 95/16/EC, as implemented by Presidential Decree No. 162 dated 30/04/1999.

## 1.20. Ministry of the Interior, Ministry of Economic Development (formerly Ministry of Production) and Ministry of Infrastructure and Transport - Construction Products Directive (CPD)

- 1.20.1. Executive Qualification Decree of the Ministry of the Interior dated 04/03/2004 relating to essential requirement (R.E. No. 2) - CPD: Qualification (only for Essential Requirement No. 2) according to Directive 89/106/EC, Presidential Decree No. 246 dated 21/04/1993 and Interdepartmental Decree No. 156 dated 09/05/2003 (Official Journal of the Italian Republic, General Series No. 94 dated 22/04/2004), regarding the following standards and sectors:
- Factory Production Control Certification Body and Inspection Body:
    - EN 12446:2003 "Chimneys - Components - Concrete outer wall elements";
    - EN 1457/A1:2002 "Chimneys - Clay/ceramic flue liners - Requirements and test methods";
    - EN 1856-1:2003 "Chimneys - Requirements for metal Chimneys - Part 1 - System chimney products";
    - EN 771-1:2003 "Specification for masonry units - Part 1: Clay masonry units";
    - EN 771-2:2003 "Specification for masonry units - Part 2: Calcium silicate masonry units";
    - EN 998-2:2003 "Specification for mortar for masonry - Masonry mortar";
  - Product Certification Body Inspection Body and Test Laboratory:
    - EN 13986:2002 "Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking";
    - EN 13813:2002 "Screed material and floor screeds - Screed material - Properties and requirements.";
    - EN 13162:2001 "Thermal insulation products for buildings - Factory made mineral wool (MW) products - Specification";
    - EN 13163:2001 "Thermal insulation products for buildings - Factory made products of expanded polystyrene (EPS) - Specification";
    - EN 13164:2001 "Thermal insulation products for buildings - Factory made products of extruded polystyrene foam (XPS) - Specification";
    - EN 13165:2001 "Thermal insulation products for buildings - Factory made rigid polyurethane foam (PUR) products - Specification";
    - EN 13166:2001 "Thermal insulation products for buildings - Factory made products of phenolic foam (PF) - Specification";
    - EN 13167:2001 "Thermal insulation products for buildings - Factory made cellular glass (CG) products - Specification";
    - EN 13168:2001 "Thermal insulation products for buildings - Factory made wood wool (WW) products - Specification";
    - EN 13169:2001 "Thermal insulation products for buildings - Factory made products of expanded perlite (EPS) - Specification";
    - EN 13170:2001 "Thermal insulation products for buildings - Factory made products of expanded cork (ICB) - Specification";
    - EN 13171:2001 "Thermal insulation products for buildings - Factory made wood fibre (WF) products - Specification";
    - EN 179:1997 + A1:2001 "Building hardware - Emergency exit devices operated by a lever handle or push pad - Requirements and test methods";
    - EN 1125:1997 + A1:2001 "Building hardware - Panic exit devices operated by a horizontal bar - Requirements and test methods";
    - EN 1935:2002 "Building hardware - Single-axis hinges - Requirements and test methods";
    - EN 1155:1997+ A1:2002 "Building hardware - Electrically powered hold-open devices for swing doors - Requirements and test methods";
    - EN 1154:1996 + A1:2002 "Building hardware - Controlled door closing devices - Requirements and test method";
    - EN 1158:1997 + A1:2002 "Building hardware - Door coordinator devices - Requirements and test methods";
    - EN 12101-2:2003 "Smoke and heat control systems - Part 2: Specification for natural smoke and heat exhaust ventilators" ;
  - Test Laboratory:
    - EN 442-1:1995 + A1:2003 "Radiators and convectors - Part 1: Technical specifications and requirements" ;
    - EN 12860:2001 "Gypsum based adhesives for gypsum blocks - Definitions, requirements and test methods";
    - EN 14037-1:2003 "Ceiling mounted radiant panels supplied with water at temperature below 120 °C - Part 1: Technical specifications and requirements".

- 1.20.2. Executive Qualification Decree of the Ministry of the Interior dated 05/07/2004 for R.E. No. 2 - CPD: Qualification Decree, Ref. 010 pos.GIO/002/3302/15/03 DPC only for essential requirement (R.E. No. 2) according to Directive 89/106/EEC, Presidential Decree No. 246 dated 21 April 1993 and Interdepartmental Decree No. 156 dated 9 May 2003 (Official Journal of the Italian Republic, General Series No. 174 dated 27/07/2004), regarding the following standards and sectors:
- Product Certification Body, Inspection Body and Test Laboratory:
    - o EN 671-1:2001 "Fixed firefighting systems - Hose systems - Hose reels with semi-rigid hose";
    - o EN 671-2:2001 "Fixed firefighting systems - Hose systems - Part 2: Hose systems with lay-flat hose".
- 1.20.3. Ministry of Infrastructure and Transport Qualification Decree dated 19 May 2004 regarding conformity certification of construction products, only for essential requirement R.E. No. 1 "Mechanical Resistance and Stability" (Official Journal of the Italian Republic, General Series No. 129 dated 04/06/2004), regarding the following standards and sectors:
- Product Certification Body, Inspection Body and Test Laboratory:
    - o EN 13986:2002 "Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking";
    - o EN 197-1:2000 "Cement - Part 1: Composition, specifications and conformity criteria for common cements";
  - Factory Production Control Certification Body and Inspection Body:
    - o EN 1457:1999/A1:2002 "Chimneys - Clay/ceramic flue liners - Requirements and test methods";
    - o EN 12446:2003 "Chimneys - Components - Concrete outer wall elements";
    - o EN 1856-1:2003 "Chimneys - Requirements for metal chimneys - Part 1: System chimney products";
    - o EN 13249:2000 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of roads and other trafficked areas";
    - o EN 13250:2000 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of railways";
    - o EN 13251:2000 "Geotextiles and geotextile-related products - Required characteristics for use in earthworks, foundations and retaining structures";
    - o EN 13252:2000 "Geotextiles and geotextile-related products - Required characteristics for use in drainage systems";
    - o EN 13253:2000 "Geotextiles and geotextile-related products - Characteristics required for use in erosion control works (coastal protection, bank revetments)";
    - o EN 13254:2000 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of reservoirs and dams";
    - o EN 13255:2000 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of canals";
    - o EN 13256:2000 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of tunnels and underground structures";
    - o EN 13257:2000 "Geotextiles and geotextile-related products - Characteristics required for use in solid waste disposals";
    - o EN 13265:2000 "Geotextiles and geotextile-related products - Characteristics required for use in liquid waste containment projects";
    - o EN 459-1:2001 "Building lime - Definitions, specifications and conformity criteria";
    - o EN 998-2:2003 "Specification for mortar for masonry - Masonry mortar";
    - o EN 771-1:2003 "Specification for masonry units - Clay masonry units";
    - o EN 771-2:2003 "Specification for masonry units - Calcium silicate masonry units";
    - o EN 13055-1:2002 "Lightweight aggregates - Lightweight aggregates for concrete, mortar and grout";
    - o EN 13139:2002 "Aggregates for mortar";
    - o EN 12620:2002 "Aggregates for concrete";
    - o EN 13043:2002 "Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas";
    - o EN 13242:2002 "Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction";
    - o EN 934-2:2001 "Admixtures for concrete, mortar and grout - Concrete admixtures - Definitions, requirements, conformity, marking and labelling";
  - Test Laboratory:
    - o EN 845-1:2003 "Specification for ancillary components for masonry - Ties, tension straps, hangers and brackets";
    - o EN 845-2:2003 "Specification for ancillary components for masonry - Lintels";
    - o EN 845-3:2003 "Specification for ancillary components for masonry - Bed joint reinforcement of steel meshwork".

- 1.20.4. Ministry of Production Qualification Decree dated 19/03/2004 (Official Journal of the Italian Republic, General Series No. 83 dated 08/04/2004) according to Directive 89/106/EEC CPD, regarding the following standards and sectors:
- Product Certification Body, Inspection Body and Test Laboratory:
    - UNI EN 40-5:2003 “Lighting columns - Requirements for steel lighting columns”;
    - UNI EN 40-6:2004 “Lighting columns - Requirements for aluminium lighting columns”;
    - EN 40-7:2002 Lighting columns - Part 7: Requirements for fibre reinforced polymer composite lighting columns”;
    - UNI EN 13813:2004 “Screed material and floor screeds - Screed material - Properties and requirements.”;
    - UNI EN 13162:2003 “Thermal insulation products for buildings - Factory made mineral wool (MW) products - Specification”;
    - UNI EN 13163:2003 “Thermal insulation products for buildings - Factory made products of expanded polystyrene (EPS) - Specification”;
    - UNI EN 13164:2006 “Thermal insulation products for buildings - Factory made products of extruded polystyrene foam (XPS) - Specification”;
    - UNI EN 13165:2006 “Thermal insulation products for buildings - Factory made rigid polyurethane foam (PUR) products - Specification”;
    - UNI EN 13166:2006 “Thermal insulation products for buildings - Factory made products of phenolic foam (PF) - Specification”;
    - UNI EN 13167:2006 “Thermal insulation products for buildings - Factory made cellular glass (CG) products - Specification”;
    - UNI EN 13168:2006 “Thermal insulation products for buildings - Factory made wood wool (WW) products - Specification”;
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    - UNI EN 13169:2006 “Thermal insulation products for buildings - Factory made products of expanded perlite (EPS) - Specification”
    - UNI EN 13170:2003 “Thermal insulation products for buildings - Factory made products of expanded cork (ICB) - Specification”
    - UNI EN 13171:2006 “Thermal insulation products for buildings - Factory made wood fibre (WF) products - Specification”
  - Test Laboratory:
    - UNI EN 442-1:2004 “Radiators and convectors. Technical specifications and requirements.”
    - EN 13241-1:2003 “Industrial, commercial and garage doors and gates - Product standard - Products without fire resistance or smoke control characteristics”;
    - UNI EN 682:2006 “Elastomeric seals - Materials requirements for seals used in pipes and fittings carrying gas and hydrocarbon fluids”;
    - UNI EN 14037-1:2005 “Ceiling mounted radiant panels supplied with water at temperature below 120 °C - Part 1: Technical specifications and requirements”.
- 1.20.5. Ministry of Production Qualification Decree dated 01/04/2004 (Official Journal of the Italian Republic, General Series No. 97 dated 26/04/2004) according to directive 89/106/EEC CPD, regarding the following standards and sectors:
- Test Laboratory:
    - UNI EN 12004:2003 Adhesives for tiles - Definitions and specifications.
- 1.20.6. Ministry of Production Qualification Decrees dated 23/06/2004 (Official Journal of the Italian Republic, General Series No. 184 dated 07/08/2004) according to directive 89/106/EEC CPD, regarding the following standards and sectors:
- Factory Production Control Certification Body and Inspection Body:
    - EN 12446:2003 “Chimneys - Components - Concrete outer wall elements”;
    - UNI EN 1457:2004 “Chimneys - Clay/ceramic flue liners - Requirements and test methods”;
    - UNI EN 13055-1:2003 “Lightweight aggregates - Lightweight aggregates for concrete, mortar and grout”;
    - UNI EN 12620:2003 “Aggregates for concrete”;
    - UNI EN 13043:2004 “Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas”;
    - UNI EN 13139:2003 “Aggregates for mortar”;
    - UNI EN 13242:2004 “Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction”;
    - UNI EN 13383-1:2003 “Armourstone - Specification”;
    - UNI EN 13450:2003 “Aggregates for railway ballast”.
- 1.20.7. Ministry of Production Qualification Decrees dated 07/10/2004 (Official Journal of the Italian Republic, General Series No. 242 dated 14/10/2004) according to directive 89/106/EEC CPD, regarding the following standards and sectors:
- Factory Production Control Certification Body and Inspection Body:
    - UNI EN 998-2:2004 “Specification for mortar for masonry - Masonry mortar”;

- UNI EN 13249:2005 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of roads and other trafficked areas";
  - UNI EN 13250:2005 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of railways";
  - UNI EN 13251:2005 "Geotextiles and geotextile-related products - Required characteristics for use in earthworks, foundations and retaining structures";
  - UNI EN 13252:2005 "Geotextiles and geotextile-related products - Required characteristics for use in drainage systems";
  - UNI EN 13253:2005 "Geotextiles and geotextile-related products - Required characteristics for use in external erosion control systems";
  - UNI EN 13254:2005 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of reservoirs and dams";
  - UNI EN 13255:2005 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of canals";
  - UNI EN 13256:2005 "Geotextiles and geotextile-related products - Required characteristics for use in the construction of tunnels and underground structures";
  - UNI EN 13257:2005 "Geotextiles and geotextile-related products - Characteristics required for use in solid waste disposals";
  - UNI EN 13265:2002 "Geotextiles and geotextile-related products - Characteristics required for use in liquid waste containment projects";
  - UNI EN 1856-1:2005 "Chimneys - Requirements for metal chimneys - Part 1: System chimney products";
  - Product Certification Body, Inspection Body and Test Laboratory:
    - UNI EN 13986:2005 "Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking".
- 1.20.8. Ministry of Production Qualification Decrees dated 19/11/2004 (Official Journal of the Italian Republic, General Series No. 291 dated 13/12/2004) according to Directives 89/106/EEC CPD and 89/106/EEC CPD, regarding the following standards and sectors:
- Factory Production Control Certification Body and Inspection Body:
    - UNI EN 1520:2004 "Prefabricated reinforced components of lightweight aggregate concrete with open structure";
  - Test Laboratory:
    - UNI EN 12150-2:2005 "Glass in building - Thermally toughened soda lime silicate safety glass - Part 2: Evaluation of conformity/Product standard";
    - UNI EN 1279-5:2005 "Glass in building - Insulating glass units - Part 5: Evaluation of conformity".
- 1.20.9. Ministry of the Interior Executive Qualification Decree dated 13/07/2005 (Official Journal of the Italian Republic, General Series No. 170 dated 23/07/2005) for R.E. No. 2 - CPD: Qualification Decree Ref. 025 pos.GIO/003/3302/25/04 DPC (only for essential requirement R.E. No. 2) according to Directive 89/106/EEC CPD, Presidential Decree No. 246 dated 21 April 1993 and Interdepartmental Decree No. 156 dated 9 May 2003, regarding the following standards and sectors:
- Factory Production Control Certification Body and Inspection Body:
    - EN 1520:2002 + AC2003 "Prefabricated reinforced components of lightweight aggregate concrete with open structure".
- 1.20.10. Ministry of the Interior Executive Qualification Decree dated 13/07/2005 (Official Journal of the Italian Republic, General Series No. 170 dated 23/07/2005) for R.E. No. 2 - CPD: Qualification Decree Ref. 026 pos.GIO/004/3302/02/05 DPC (only for essential requirement R.E. No. 2) according to Directive 89/106/EEC CPD, Presidential Decree No. 246 dated 21 April 1993 and Interdepartmental Decree No. 156 dated 9 May 2003, regarding the following standards and sectors :
- Factory Production Control Certification Body and Inspection Body:
    - EN 1857:2003 "Chimneys - Components - Concrete flue liners";
    - EN 1858:2003 "Chimneys - Components - Concrete flue blocks";
    - EN 771-3:2003 "Specification for masonry units - Part 3: Aggregate concrete masonry units (Dense and light-weight aggregates)".
- 1.20.11. Ministry of the Interior Executive Qualification Decree dated 28/04/2006 (Official Journal of the Italian Republic, General Series No. 107 dated 10/05/2006) for R.E. No. 2) - CPD: Qualification Decree Ref. 043 pos. GIO/005/3302/26/05 DPC (only for essential requirement R.E. No. 2) according to Directive 89/106/EEC CPD, Presidential Decree No. 246 dated 21 April 1993 and Interdepartmental Decree No. 156 dated 9 May 2003, regarding the following standards and sectors:
- Factory Production Control Certification Body and Inspection Body:
    - EN 1856-2:2004 "Chimneys - Requirements for metal chimneys - Metal liners and connecting flue pipes;
    - EN 771-4:2003 "Specification for masonry units - Part 4: Autoclaved aerated concrete masonry units";
    - EN 771-5:2003 "Specification for masonry units - Part 5: Manufactured stone masonry units;

- Test Laboratory:
  - EN 14411:2003 “Ceramic tiles - Definitions, classification, characteristics and marking”;
- Product Certification Body, Inspection Body and Test Laboratory:
  - EN 12209:2003 “Building hardware - Locks and latches - Mechanically operated locks, latches and locking plates - Requirements and test methods”.
- 1.20.12. Ministry of Production Qualification Decrees dated 15/05/2006 (Official Journal of the Italian Republic, General Series No. 147 dated 27/07/2006) for Directive 89/106/EEC CPD, regarding the following standards and sectors:
  - Factory Production Control Certification Body and Inspection Body:
    - UNI EN 1856-2:2006 “Chimneys - Requirements for metal chimneys - Part 2: Metal liners and connecting flue pipes”;
  - Test Laboratory:
    - UNI EN 12809:2004 “Residential independent boilers fired by solid fuel - Nominal heat output up to 50 kW - Requirements and test methods”;
    - UNI EN 12815:2006 “Residential cookers fired by solid fuel - Requirements and test methods”;
    - UNI EN 13229:2006 “Inset appliances including open fires fired by solid fuels - Requirements and test methods”;
    - UNI EN 13240:2006 “Room heaters fired by solid fuel - Requirements and test methods”.
- 1.20.13. Ministry of Infrastructure and Transport Extension to Qualification Decree dated 25/05/2006 (Official Journal of the Italian Republic, General Series No. 164 dated 17/07/2006) for Directive 89/106/EEC CPD, Presidential Decree No. 246/1993 and Ministerial Decree No. 156/2003, regarding conformity certification for construction products, only concerning essential requirement R.E. No. 1 “Mechanical resistance and stability” regarding the following standards and sectors:
  - Factory Production Control Certification Body and Inspection Body:
    - EN 1856-2:2004 “Chimneys - Requirements for metal chimneys - Part 2: Metal liners and connecting flue pipes.
- 1.20.14. Ministry of Trade and Industry Qualification Decree dated 09/06/2006 (Official Journal of the Italian Republic, General Series No. 162 dated 14/07/2006) for Directive 89/106/EEC CPD, regarding the following standards and sectors:
  - Product Certification Body, Inspection Body and Test Laboratory:
    - UNI EN 12209:2005 “Building hardware - Locks and latches - Mechanically operated locks, latches and locking plates - Requirements and test methods”;
    - UNI EN 13830:2005 “Curtain walling - Product standard”;
    - UNI CEI EN 12966-1:2005 “Road vertical signs - Variable message traffic signs - Part 1: Product standard”;
  - Test Laboratory:
    - EN 1433:2002/A1:2005 “Drainage channels for vehicular and pedestrian areas - Classification, design and testing requirements, marking and evaluation of conformity”;
    - UNI EN 12566-1:2004 “Small wastewater treatment systems for up to 50 PT - Part 1: Prefabricated septic tanks”;
  - Factory Production Control Certification Body and Inspection Body:
    - UNI EN 13693:2005 “Precast concrete products - Special roof elements”;
    - UNI EN 771-1:2005 “Specification for masonry units - Part 1: Clay masonry units”;
    - UNI EN 771-2:2005 “Specification for masonry units - Part 2: Calcium silicate masonry units”;
    - UNI EN 771-3:2005 “Specification for masonry units - Part 3: Aggregate concrete masonry units (Dense and light-weight aggregates)”;
    - UNI EN 771-4:2005 “Specification for masonry units - Part 4: Autoclaved aerated concrete masonry units”;
    - UNI EN 771-5:2005 “Specification for masonry units - Part 5: Manufactured stone masonry units”.
- 1.20.15. Ministry of Production Qualification Decree dated 15/06/2006 (Official Journal of the Italian Republic, General Series No. 162 dated 14/07/2006) for Directive 89/106/EEC CPD, under Mandate M101 “Doors, windows, shutters, gates, partitions, curtain walling and related building hardware) regarding the following standard and sector:
  - Product Certification Body, Inspection Body and Test Laboratory:
    - UNI EN 14351-1:2006 “Windows and doors - Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets without resistance to fire and/ or smoke leakage characteristics”.
- 1.20.16. Ministry of Production Qualification Decree dated 15/06/2006 (Official Journal of the Italian Republic, General Series No. 162 dated 14/07/2006) for Directive 89/106/EEC CPD, regarding the following standard and sector:
  - Test Laboratory:
    - UNI EN 14388:2005 “Road traffic noise reducing devices - Specifications”.

- 1.20.17. Ministry for Economic Development Qualification Decrees dated 25/09/2006 (Official Journal of the Italian Republic, General Series No. 232 dated 05/10/2006) for Directive 89/106/EEC CPD:
- to issue initial type testing certification of the product group “Roof coverings, rooflights, roof windows and ancillary products” under Mandate M/122 in the capacity of Test Laboratory in accordance with standard:
    - UNI EN 14351-1:2006 “Windows and doors - Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets without resistance to fire and/ or smoke leakage characteristics”;
  - to issue, as applicable, initial type testing and product conformity certification along with related inspection, continuous surveillance, evaluation and approval of factory production control for the product group “Flat glass, profiled glass and glass block products” under Mandate M/135 regarding the following standards and sectors: Product Certification Body, Inspection Body and Test Laboratory:
    - UNI EN 1096-4:2005 “Glass in building - Coated glass - Part 4: Evaluation of conformity/Product standard”;
    - UNI EN 12337-2:2005 “Glass in building - Chemically strengthened soda lime silicate glass - Part 2: Evaluation of conformity/ Product standard”;
    - UNI EN 13024-2:2005 “Glass in building - Thermally toughened borosilicate safety glass - Part 2: Evaluation of conformity/Product standard”;
    - UNI EN 14178-2:2005 “Glass in building - Basic alkaline earth silicate glass products - Part 2: Evaluation of conformity/Product standard”;
    - UNI EN 1748-1-2:2005 “Glass in building - Special basic products - Borosilicate glasses - Part 1-2: Evaluation of conformity/Product standard”;
    - UNI EN 1748-2-2:2005 “Glass in building - Special basic products - Part 2-2: Glass ceramics - Evaluation of conformity/Product standard”;
    - UNI EN 1863-2:2005 “Glass in building - Heat strengthened soda lime silicate glass - Part 2: Evaluation of conformity/Product standard”;
    - UNI EN 572-9:2005 “Glass in building - Basic soda lime silicate glass products - Part 9: Evaluation of conformity/Product standard”;
    - UNI EN 14179-2:2005 “Glass in building - Heat soaked thermally toughened soda lime silicate safety glass - Part 2: Evaluation of conformity/Product standard”;
    - UNI EN 14449:2005 Glass in building - Laminated glass and laminated safety glass - Evaluation of conformity/Product standard”;
  - to issue initial type testing and product conformity certification along with related inspection, continuous surveillance, evaluation and approval of factory production control for the product group “Suspended ceilings” under Mandate M/121 in accordance regarding the following standards and sectors: Product Certification Body, Inspection Body and Test Laboratory:
    - UNI EN 13964:2005 “Suspended ceilings - Requirements and test methods”;
  - to issue initial type testing certification of the product group “Fibre-cement profiled sheets and fittings” under mandate M/121 in accordance with the following standard in the capacity of Test Laboratory:
    - UNI EN 494:2005 “Fibre cement profiled sheets and fittings - Product specification and test methods”;
  - to issue conformity certification of factory production control with related inspection, continuous surveillance, evaluation and approval for the product group “Lightweight aggregates - Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications” under mandate M/125 in accordance with the following standard in the capacity of Factory Production Control Certification Body and Inspection Body:
    - UNI EN 13055-2:2005 “Lightweight aggregates - Part 2: Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications”;
  - to issue initial type testing certification for the product group “Ceramic tiles” under mandate M/119 in accordance with the following standard in the capacity of Test Laboratory:
    - UNI EN 14411:2004 “Ceramic tiles - Definitions, classification, characteristics and marking”;
  - to issue initial type testing certification of the product group “Gypsum plasterboards” under mandate M/106 in accordance with the following standard in the capacity of Test Laboratory:
    - UNI EN 520:2005 “Gypsum plasterboards - Definitions, requirements and test methods”;
  - to issue initial type testing and product conformity certification along with related inspection, continuous surveillance, evaluation and approval of factory production control for the product group “Timber structures - LVL” under mandate M/112 in accordance with the following standard in the capacity of Product Certification Body, Inspection Body and Test Laboratory:
    - UNI EN 14374:2005 “Timber structures - Structural laminated veneer lumber - Requirements”;
  - to issue initial type testing and product conformity certification along with related inspection, continuous surveillance, evaluation and approval of factory production control for the product group “Resilient, textile and laminate floor coverings” under mandate M/119 in accordance with the following standard in the capacity of Product Certification Body, Inspection Body and Test Laboratory:
    - EN 14041:2004/AC:2005 “Resilient, textile and laminate floor coverings - Essential characteristics”;

- to issue initial type testing certification of the product group “Wood flooring” under mandate M/119 in accordance with the following standard in the capacity of Test Laboratory:
    - UNI EN 14342:2005 “Wood flooring - Characteristics, evaluation of conformity and marking”;
  - to issue, as applicable, initial type testing, product conformity and production control certification along with related inspection, continuous surveillance, evaluation and approval of factory production control for the product group “Flexible sheets” under mandate M/102 in accordance with the following standards in the capacity of Product Certification Body, Inspection Body and Test Laboratory:
    - UNI EN 13707:2005 “Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing - Definitions and characteristics”;
    - UNI EN 13859-2:2004 “Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 1: Underlays for discontinuous roofing”;
    - UNI EN 13969:2005 “Flexible sheets for waterproofing - Bitumen damp proof sheets including bitumen basement tanking sheets - Definitions and characteristics”;
    - UNI EN 13970:2005 “Flexible sheets for waterproofing - Bitumen water vapour control layers - Definitions and characteristics”;
    - UNI EN 13967:2005 “Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics”;
    - UNI EN 13984:2005 “Flexible sheets for waterproofing - Plastic and rubber vapour control layers - Definitions and characteristics”;
  - to issue initial type testing, product conformity and factory production control certification along with related inspection, continuous surveillance, evaluation and approval of factory production control for the product group “Products and systems for the protection and repair of concrete structures - Structural bonding,” under Mandate M/128 in accordance with the following standard in the capacity of Product Certification Body, Inspection Body and Test Laboratory:
    - UNI EN 1504-4:2005 “Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 4: Structural bonding”.
- 1.20.18. Ministry of the Interior, Executive Qualification Decree dated 12/10/2006 (Official Journal of the Italian Republic, General Series No. 263 dated 11/11/2006) for R.E. No. 2 - CPD: Qualification Decree Ref. 053 pos. GIO/006/3302/22/04 DPC (only for essential requirement R.E. No. 2) according to Directive 89/106/EEC CPD, Presidential Decree No. 246 dated 21 April 1993 and Interdepartmental Decree No. 156 dated 9 May 2003, regarding the following standard and sector:
- Product Certification Body, Inspection Body and Test Laboratory:
    - EN 12150-2:2004 “Glass in building - Thermally toughened soda lime silicate safety glass - Part 2: Evaluation of conformity/Product standard” para. 4.3.2.1 (essential characteristic: **resistance to fire**)”.
- 1.20.19. Ministry of the Interior Executive Qualification Decree of 22/05/2007 (Official Journal of the Italian Republic, General Series No. 129 of 06/06/2007 for R.E. No. 2 - CPD: Qualification Decree Ref. No. 063 pos. GIO/007/3302/02/05 DPC only for essential requirement R.E. No. 2 according to 89/106/CE CPD, Presidential Decree No. 246 dated 21 April 1993 and Interdepartmental Decree No. 156 dated 9 May 2003, regarding the following standard:
- Product Certification Body, Inspection Body and Test Laboratory
    - EN 13964:2004 “Suspended ceilings - Requirements and test methods” in the **reaction to fire** sector
    - EN 13964:2004 “Suspended ceilings - Requirements and test methods” in the **fire resistance** sector
- 1.20.20. Ministry of the Interior Executive Qualification Decree of 11/06/2007 (Official Journal of the Italian Republic, General Series No. 151 of 02/07/2007) for R.E. No. 2 - CPD: Qualification Decree Ref. 064 pos. GIO/008/3302/03/06 DPC, only for essential requirement R.E. No. 2 according to 89/106/CE CPD, Presidential Decree No. 246 dated 21 April 1993 and Interdepartmental Decree No. 156 dated 9 May 2003, regarding the following standard:
- Product Certification Body, Inspection Body and Test Laboratory.
    - EN 572-9:2004: “Glass in building. Basic soda lime silicate glass products. Part 9: Evaluation of conformity.” (Essential characteristic : **fire resistance**).
    - EN 1096-4:2004 : “Glass in building. Coated glass. Part 4: Evaluation of conformity. (Essential characteristic: **fire resistance**).
    - EN 1504-4:2004: “Products and systems for the protection and repair of concrete structures. Definitions, requirements, quality control and evaluation of conformity.” Part 4: Structural bonding.
    - EN 1748-1-2:2004 “Glass in building. Special basic products. Borosilicate glass. Parts 1-2: Evaluation of conformity” (Essential characteristic: **fire resistance**).
    - EN 1748-2-2:2004 “Glass in building. Special basic products. Part 2-2: Evaluation of conformity.” (Essential characteristic: **fire resistance**).
    - EN 1863-2:2004 “Glass in building. Heat strengthened soda lime silicate glass. Part 2: Evaluation of conformity.” (Essential characteristic: **fire resistance**).
    - EN 12337-2:2004 “Glass in building. Chemically strengthened soda lime silicate glass. Part 2: Evaluation of conformity”. (Essential characteristic: **fire resistance**).

- EN 13024-2:2004 "Glass in building. Thermally toughened borosilicate safety glass. Part 2: Evaluation of conformity." (Essential characteristic: **fire resistance**).
- EN 13707:2004 "Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing. Definitions and characteristics." (Essential characteristic: **fire resistance**).
- EN 13859-2:2004: "Flexible sheets for waterproofing. Definitions and characteristics of underlays. Part 2: Underlays for walls."
- EN 13967:2004 "Flexible sheets for waterproofing. Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet. Definitions and characteristics."
- EN 13969:2004 "Flexible sheets for waterproofing. Bitumen damp proof sheets including bitumen basement tanking sheets. Definitions and characteristics."
- EN 13970:2004 "Flexible sheets for waterproofing. Bitumen water vapour control layers. Definitions and characteristics."
- EN 13984:2004 "Flexible sheets for waterproofing. Plastic and rubber vapour control layers. Definitions and characteristics."
- EN 14041:2004/AC:2005 "Resilient, textile and laminate floor coverings. Essential characteristics."
- EN 14178-2:2004 "Glass in building. Basic alkaline earth silicate glass products. Part 2: Evaluation of conformity." (Essential characteristic: **fire resistance**).
- EN 14179-2:2005 "Glass in building. Heat soaked thermally toughened soda lime silicate safety glass. Part 2: Evaluation of conformity." (Essential characteristic: **fire resistance**).
- EN 14374:2004 "Timber structures. Structural laminated veneer lumber. Requirements."
- EN 14449:2005/AC "Glass in building. Laminated glass and laminated safety glass. Evaluation of conformity. (Essential characteristic: **fire resistance**).
- Product Certification Body and Inspection Body:
  - EN 13224:2004/AC:2005 "Precast concrete products. Ribbed floor elements."
  - EN 13225:2004 "Precast concrete products. Linear structural elements."
  - EN 13693:2004 "Precast concrete products. Special roof elements." Test Laboratory:
  - EN 520:2004 "Gypsum plasterboards. Definitions, requirements and test methods."
  - EN 494:2004/A1:2005 "Fibre-cement profiled sheets and fittings. Product specification and test method." (Essential characteristic: **fire resistance**). EN 1096-4:2004 "Glass in building. Coated glass. Part 4: Evaluation of conformity." (Essential characteristic: **reaction to fire**).
  - EN 14342:2005 "Wood flooring. Characteristics, evaluation of conformity and marking." EN 14449:2005/AC "Glass in building. Laminated glass and laminated safety glass. Evaluation of conformity/Product standard." (Essential characteristic: **reaction to fire**).
- 1.20.21. Ministry of the Interior Decree of Qualification dated 06/09/2007 (Official Journal of the Italian Republic, General Series No. 219 of 20/09/2007) for R.E. No. 2 - CPD: Qualification Decree Ref. 073 pos. GIO/009/3302/03/06 DPC, only for essential requirement R.E. No. 2 according to 89/106/CE CPD, Presidential Decree No. 246 dated 21 April 1993 and Interdepartmental Decree No. 156 dated 9 May 2003, regarding the following standard: Test laboratory:
  - EN 13299:2001/A2004 "Inset appliances including open fires fired by solid fuels. Requirements and test methods".
  - EN13240:2001/A2:2004 "Room heaters fired by solid fuel.- Requirements and test methods".
  - EN12815:2001/A1:2004 "Residential cookers fired by solid fuel. Requirements and test methods".
  - EN 12809:2001/A1:2004 "Residential independent boilers fired by solid fuel. Nominal heat output up to 50 KW. Requirements and test methods".
- 1.20.22. Ministry of the Interior Decree of Qualification No. 111, Ref. pos.GIO/011/3302/14/07 DPC dated 21/11/2008 (Official Journal of the Italian Republic, General Series No. 286 of 6/12/2008) only for R.E. No. 2 "Safety in case of fire" according to - 89/106/CE CPD - Presidential Decree No. 246 dated 21/04/1993 and Interdepartmental Decree No. 156 dated 9/05/2003, regarding the following standard and sector:
  - Certification Body, Inspection Body and Test Laboratory:
    - EN 13830:2003 "Curtain Walls - Specifications" (Essential characteristic: **reaction to fire**).
    - EN 13830:2003 "Curtain Walls - Specifications" (Essential characteristic: **fire resistance**).
- 1.20.23. Ministry of the Interior Decree of Qualification No. 110, Ref. pos.GIO/010/3302/01/07 DPC dated 2/10/2008 (Official Journal of the Italian Republic, General Series No. 242 of 15/10/2008) only for R.E. No. 2 "Safety in case of fire" according to - 89/106/CE CPD - Presidential Decree No. 246 dated 21/04/1993 and Interdepartmental Decree No. 156 dated 9/05/2003, regarding the following standard and sector:
  - Certification Body, Inspection Body and Test Laboratory:
    - EN 1279-5:2005 "Glass in building. Insulating glass units. Part 5: Evaluation of conformity. (Essential characteristic: **fire resistance**).
  - Test laboratory:
    - EN 1279-5:2005 "Glass in building. Insulating glass units. Part 5: Evaluation of conformity. Essential characteristic: **reaction to fire**).

- 1.20.24. Ministry of Infrastructure and Transport and Public Works Governing Body Decree of Extended Qualification No. 6172 of 22/12/2008 (Official Journal of the Italian Republic, General Series No. 29 of 5/02/2009) regarding construction products conformity, only for essential requirement R.E. No. 1 “Mechanical resistance and stability” according to 89/106/CEE, Presidential Decree 246/1993 and Ministerial Decree 156/2003, regarding the following standards and sectors:
- Certification Body and Inspection Body:
    - EN 413-1:2004 - Masonry cement. Part 1: Composition, specifications and conformity criteria.
    - EN 197-4:2004 - Cement Part 4: Composition, specifications and conformity criteria for low early strength blastfurnace cements.
    - EN 771-3:2003 - Specification for masonry units. Aggregate concrete masonry units (dense and light-weight aggregates).
    - EN 771-4:2003 A1:2005 - Specification for masonry units. Autoclaved aerated concrete masonry units.
    - EN 771-5:2003 A1:2005 - Specification for masonry units. Manufactured stone masonry units.
    - EN 13055-2:2004 - Lightweight aggregates. Part 2: Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications.
    - EN 13383-1:2002 - Armourstone. Specification.
    - EN 13450:2002 - Aggregates for railway ballast.
    - EN 934-3:2003 - Admixtures for concrete, mortar and grout. Admixtures for masonry mortar. Part 3: Definitions, requirements, conformity, marking and labelling.
    - EN 1504-4:2004 - Products and system for the protection and repair of concrete structures. Definitions, requirements, quality control and evaluation of conformity. Part 4: Structural bonding.
    - EN 1520:2002 - Prefabricated reinforced components of lightweight aggregate concrete with open structure.
    - EN 13224:2004/AC:2005 - Precast concrete products. Ribbed floor elements.
    - EN 13225:2004 - Precast concrete products. Linear structural elements.
    - EN 13693:2004 - Precast concrete products. Special roof elements.
    - EN 1857:2003 - Chimneys. Components. Concrete flue liners.
    - EN 1858:2003 - Chimneys. Components. Concrete flue blocks.
    - EN 14374:2004 - Timber structures. Structural laminated veneer lumber. Requirements.
  - Test Laboratory:
    - EN 413-1:2004 - Masonry cement. Part 1: Composition, specifications and conformity criteria.
    - EN 197-4:2004 - Cement. Part 4: Composition, specifications and conformity criteria for low early strength blastfurnace cements.
    - EN 520:2004 - Gypsum plasterboards. Definitions, requirements and test methods.
    - EN 14374:2004 - Timber structures. Structural laminated veneer lumber. Requirements.
- 1.20.25. Authorisation Decree of the Ministry of Economic Development of 06/05/2009 (Official Journal of the Italian Republic, General Series No. 126 dated 03/06/2009) for 89/106/CE **CPD** based on Mandate M/131:
- certification body activities regarding initial product type testing for the product family “Corrugated safety metal hose assemblies for the connection of domestic appliances using gaseous fuels.” according to the following standard:
    - UNI EN 14800:2007 “Corrugated safety metal hose assemblies for the connection of domestic appliances using gaseous fuels”.
  - certification body activities regarding initial product type testing for the product family “Slow heat release appliances fired by solid fuel. Requirements and test methods” according to the following standard:
    - UNI EN 15250:2007 “Slow heat release appliances fired by solid fuel. Requirements and test methods”.
  - certification body activities regarding initial product type testing, factory production control with associated inspection, evaluation surveillance and permanent approval for the product family: “Bituminous mixtures. Material specifications. Part 1: Asphalt concrete. Part 2: Asphalt concrete for very thin layers. Part 3: Soft asphalt. Part 4: Hot rolled asphalt. Part 5: Stone mastic asphalt. Part 6: Mastic asphalt. Part 7: Porous asphalt.” according to the following standard:
    - UNI EN 13108 part 1÷7 “Bituminous mixture. Material specifications. Part 1: Asphalt concrete. Part 2: Asphalt concrete for very thin layers. Part 3: Soft asphalt. Part 4: Hot rolled asphalt. Part 5: Stone mastic asphalt. Part 6: Mastic asphalt. Part 7: Porous asphalt.
  - certification body activities regarding initial product type testing on the product family “Prefabricated accessories for roofing. Individual roof lights of plastics. Product specification and test methods.” according to the following standard:
    - UNI EN 1873:2006, “Prefabricated accessories for roofing. Individual roof lights of plastics. Product specification and test methods”.
  - certification body activities regarding initial product type testing, factory production control with associated inspection, evaluation surveillance and permanent approval for the product family: “Traffic control equipment. Warning and safety light devices.” according to the following standard:
    - UNI EN 12352:2006 “Traffic control equipment. Warning and safety light devices”.

- UNI EN 12368:2006 “Traffic control equipment. Signal heads”.
  - certification body activities regarding initial product type testing, factory production control with associated inspection, evaluation surveillance and permanent approval for the product family: “Self-supporting, double skin, metal faced insulating panels. Factory made products. Specifications”, “Fibre cement flat sheets. Product specification and test methods”, “Solid wood panelling and cladding. Characteristics, evaluation of conformity and marking”, “Natural stone products. Slabs for cladding. Requirements”, “Fibre cement slates and fittings. Product specification and test methods” according to the following standards:
    - UNI EN 14509:2007 “Self-supporting double skin metal faced insulating panels. Factory made products. Specifications”.
    - UNI EN 12467:2007 “Fibre cement flat sheets. Product specification and test methods”.
    - UNI EN 14915:2006 “Solid wood panelling and cladding. Characteristics, evaluation of conformity and marking”.
    - UNI EN 1469:2005 “Natural stone products. Slabs for cladding. Requirements”.
    - UNI EN 492:2007, “Fibre cement slates and fittings. Product specification and test methods”.
  - certification body activities regarding initial product type testing of the product family: “Natural stone products. Slabs for floors and stairs. Requirements”, “Modular tiles. Requirements” according to the following standards:
    - UNI EN 12058:2005 “Natural stone products. Slabs for floors and stairs. . Requirements”.
    - UNI EN 12057:2005 “Natural stone products. Modular tiles. Requirements”.
  - certification body activities regarding initial product type testing of the product family: “Small wastewater treatment systems for up to 50 PT. Part 3: packaged and/or site assembled domestic wastewater treatment plants” according to the following standard:
    - UNI EN 12566-3:2009 “Small wastewater treatment systems for up to 50 PT. Part 3: packaged and/or site assembled domestic wastewater treatment plants”.
  - certification body activities regarding initial product type testing of the product family: “Gypsum plasterboard thermal/acoustic insulation composite panels. Definitions, requirements and test methods” according to the following standard:
    - UNI EN 13950:2006 “Gypsum plasterboard thermal/acoustic insulation composite panels. Definitions, requirements and test methods”.
  - certification body activities regarding initial product type testing, associated inspections, evaluation surveillance and permanent approval for the product family: “Flexible sheets for waterproofing. Definitions and characteristics of underlays. Part 1: Underlays for discontinuous roofing” according to the following standard:
    - UNI EN 13859:2005 “Flexible sheets for waterproofing. Definitions and characteristics of underlays. Part 1: Underlays for discontinuous roofing”.
  - certification body activities regarding initial product type testing, factory production control with associated inspections, evaluation surveillance and permanent approval for the product family: “Precast concrete products. Precast concrete garages. Part 1: Requirements for reinforced garages monolithic or consisting of single sections with room dimensions”, “Precast concrete products. Stairs”, “Precast concrete products. Wall elements”, “Precast concrete products. Hollow core slabs”, “Precast concrete product. Floor plates for floor systems” according to the following standards:
    - UNI EN 13978-1:2005 “Precast concrete products. Precast concrete garages. Part 1: Requirements for reinforced garages monolithic or consisting of single sections with room dimensions”.
    - UNI EN 14843:2007 “Precast concrete products. Stairs”.
    - UNI EN 14992:2007 “Precast concrete products. Wall elements”.
    - UNI EN 1168:2005 “Precast concrete products. Hollow core slabs”.
    - UNI EN 13747:2005 “Precast concrete product. Floor plates for floor systems”.
- 1.20.26. Ministry of Infrastructure and Transport, Extension to Authorisation Decree No. 6920 dated 05/11/2009 (Official Journal of the Italian Republic, General Series No. 281 dated 05/12/2009) for construction product conformity, limited to Essential Requirement No. 1 “Mechanical resistance and stability” based on Mandate M/100, according to the following standards and sectors:
- Certification and inspection body:
    - EN 12737:2008 “Precast concrete products. Floor slats for livestock”.
    - EN 13978-1:2005 “Precast concrete products. Precast concrete garages. Part 1: Requirements for reinforced garages monolithic or consisting of single sections with room dimensions”.
    - EN 14843:2007 “Precast concrete products. Stairs”.
    - EN 14844:2006/A1:2008 “Precast concrete products. Box culverts”.
    - EN 14991:2007 “Precast concrete products. Foundation elements”.
    - EN 14992:2007 “Precast concrete products. Wall elements”.
    - EN 15050:2007 “Precast concrete products. Bridge elements”.

1.20.27. Ministry of Infrastructure and Transport, Extension to Authorisation Decree No. 6922 dated 05/11/2009 (Official Journal of the Italian Republic, General Series No. 281 dated 05/12/2009) for construction product conformity, limited to Essential Requirement No. 1 "Mechanical resistance and stability" based on Mandate M/124, according to the following standards and sectors:

- Certification and inspection body:
  - EN 13108-1:2006 "Bituminous mixture. Material specifications. Part 1: Asphalt concrete".
  - EN 13108-2:2006 "Bituminous mixture. Part 2: Asphalt concrete for very thin layers".
  - EN 13108-3:2006 "Bituminous mixture. Part 3: Soft asphalt".
  - EN 13108-4:2006 "Bituminous mixture. Part 4: Hot rolled asphalt".
  - EN 13108-5:2006 "Bituminous mixture. Part 5: Stone mastic asphalt".
  - EN 13108-6:2006 "Bituminous mixture. Part 6: Mastic asphalt".
  - EN 13108-7:2006 "Bituminous mixture. Part 7: Porous asphalt".
  - EN 1168:2004 "Precast concrete products. Hollow core slabs".
  - EN 12794:2005 "Precast concrete products. Foundation piles".
  - EN 13747:2005 "Precast concrete products. Floor plates for floor systems".
  - EN 14509:2007 "Self-supporting double skin metal faced insulating panels. Factory made products. Specifications".

1.20.28. Decree of Authorisation No. 124/V1/09 pos.GIO/013/3302/02/09 DPC of the Ministry of the Interior dated 25 August 2009, which replaces the same decree No. 124 of 26/06/2009 ((Official Journal of the Italian Republic, General Series No. 203 dated 02/09/2009) limited to Essential Requirement No. 2 "Fire safety" according to Directive 89/106/CE **CPD**, Presidential Decree No. 21 of 21/04/1993 and Interministerial Decree of 9/05/2003 No. 156, according to the following standards and sectors:

- Certification and Inspection Body, and Test Laboratory:
  - EN 1873:2005 "Prefabricated accessories for roofing. Individual roof lights of plastics. Product specification and test methods".
  - EN 13108-1:2006 "Bituminous mixture. Material specifications. Part 1: Asphalt concrete".
  - EN 13108-2:2006 "Bituminous mixture. Material specifications. Part 2: Asphalt concrete for very thin layers".
  - EN 13108-3:2006 "Bituminous mixture. Material specifications. Part 3: Soft asphalt".
  - EN 13108-4:2006 "Bituminous mixture. Material specifications. Part 4: Hot rolled asphalt".
  - EN 13108-5:2006 "Bituminous mixture. Material specifications. Part 5: Stone mastic asphalt".
  - EN 13108-6:2006 "Bituminous mixture. Material specifications. Part 6: Mastic asphalt".
  - EN 13108-7: 2006 "Bituminous mixture. Material specifications. Part 7: Porous asphalt".
  - EN 14342:2005 "Wood flooring. Characteristics, evaluation of conformity and marking".
  - EN 14509:2007 "Self-supporting double skin metal faced insulating panels. Factory made products. Specifications".
  - EN 14800:2007 "Corrugated safety metal hose assemblies for the connection of domestic appliances using gaseous fuels".
  - EN 13859-1:2005 "Flexible sheets for waterproofing. Definitions and characteristics of underlays. Part 1: Underlays for discontinuous roofing".
  - EN 14915:2006/AC:2007 "Solid wood panelling and cladding. Characteristics, evaluation of conformity and marking".
- Certification and Inspection Body:
  - EN 1168:2005 "Precast concrete products. Hollow core slabs".
  - EN 13747:2005 "Precast concrete product. Floor plates for floor systems".
- Test laboratory:
  - EN 492:2004/A1:2005/A2:2006 "Fibre-cement slates and fittings. Product specifications and test methods".
  - EN 1469:2004 "Natural stone products Slabs for cladding - requirements".
  - EN 1873:2005 "Prefabricated accessories for roofing. Individual roof lights of plastics. Product specification and test methods".
  - EN 12004:2007 "Adhesives for tiles. Definitions and specifications".
  - EN 12057:2004 "Natural stone products. Modular tiles. Requirements".
  - EN 12058:2004 "Natural stone products. Slabs for floors and stairs. Requirements".
  - EN 12467:2004 "Fibre-cement flat sheets. Product specification and test methods".
  - EN 13950:2005 "Gypsum plasterboard thermal/acoustic insulation composite panels. Definitions, requirements and test methods".
  - EN 14509:2006 "Self-supporting double skin metal faced insulating panels. Factory made products. Specifications".
  - EN 15250:2007 "Slow heat release appliances fired by solid fuel. Requirements and test methods".

- 1.20.29. Ministry of Economic Development, Extension to Authorisation Decree for Directive 89/106/CE **CPD** according to Mandate M/127:
- certification body activities regarding initial product type testing for the product family: “Adhesives for tiles. Requirements, evaluation of conformity, classification and designation” according to the following standard:
    - UNI EN 12004:2007 “Adhesives for tiles. Requirements, evaluation of conformity, classification and designation”.
  - certification body activities regarding initial product type testing with associated inspections, evaluation surveillance and permanent approval for the product family: “Wood flooring. Characteristics, evaluation of conformity and marking”.
    - UNI EN 14342:2008 “Wood flooring. Characteristics, evaluation of conformity and marking”.
- 1.20.30. Decree of authorisation No. 144 pos.GIO/014/3302/10/09 DPC of the Ministry of the Interior dated 17 February 2010, limited to Essential Requirement No. 2 “Fire safety” issued to Istituto Giordano according to Directive 89/106/CE **CPD**, Presidential Decree No. 21 of 21/04/1993 and Interministerial Decree of 9/05/2003 No. 156, according to the following standards and sectors:
- Certification and Inspection Body:
    - EN 12737:2004/A1:2004 “Precast concrete products. Floor slats for livestock.” Essential characteristic: **fire resistance**.
    - EN 13978-1:2005 “Precast concrete products. Precast concrete garages. Part 1: Requirements for reinforced garages monolithic or consisting of single sections with room dimensions.” Essential characteristic: **fire resistance**.
    - EN 14843:2007 “Precast concrete products. Stairs.” Essential characteristic: **fire resistance**.
    - EN 14992:2007 “Precast concrete products. Wall elements.” Essential characteristic: **fire resistance**.
    - EN 15050:2007 “Precast concrete products. Bridge elements.” Essential characteristic **fire resistance**.

Istituto Giordano is qualified by the above-mentioned Decrees, in the capacity of Approved Certification Body and/or Inspection Body and/or Test Laboratory, to carry out certification according to harmonised standards for **construction products** for tasks set out in the table in Annex 1, part A.

### 1.21. Ministry of Health and Ministry of Production

Decree 20/01/2005 (Official Journal of the Italian Republic, General Series No. 31 dated 08/02/2005).  
Authorisation by the ICIM Certification Body to issue initial type testing certificates for **medical devices** (Directive 93/42/EEC) according to Annexes 3 and 4 (Legislative Decree No. 46 dated 1997).

### 1.22. Ministry of Production and Ministry of Work and Social Affairs

Decree 11/09/2007 (Official Journal of the Italian Republic, General Series No. 225 dated 27/09/2007).  
Authorisation to issue conformity certificates for products according to Art. 10 and production control according to Art. 11, Parts A and B of Directive 89/686/CEE regarding personal protective equipment for the following product groups:

- respiratory protection devices - gas cylinder valves
- self-contained, closed circuit breathing apparatus, compressed oxygen-nitrogen type
- lifejackets and personal buoyancy aids: buoyancy aid 50 N
- lifejackets and personal buoyancy aids: accessories
- lifejackets and personal buoyancy aids: lifejacket 100 N
- lifejackets and personal buoyancy aids: lifejacket 150 N
- lifejackets and personal buoyancy aids: lifejacket 275 N
- buoyancy compensator

### 1.23. Ministry of Infrastructure - Public Works Governing Body - Central Technical Service

Decree of the Head of the Public Works Governing Body No. 218 del 10/12/2007.  
Authorised for **certification of the production process of industrially processed, conglomerate cement product** according to Ministerial Decree of 14/09/2005 (ref. Para. 11.1.8: Regulations for industrially processed, ready-made concrete).

## **Authorisation pending**

### **Ministry of the Interior, Ministry of Economic Development and Ministry of Infrastructure**

Additional qualification, according to the **construction products** Directive 89/106/EEC, Presidential Decree No. 246 dated 21 April 1993 and Interdepartmental Decree No. 156 dated 09/05/2003, as an approved Certification Body and/or Inspection Body and/or Test Laboratory, to perform the tasks set out in Annex 1, Part B relating to the certification of conformity of construction products to harmonised standards.

## 2. OTHER AUTHORITIES

### ACCREDITATION

#### 2.1. **ACCREDIA - Department of Certification and Inspection Organisations (previously SINCERT)**

Accreditation awarded 19/12/2000, Registration No. 057A, as a **quality management system certification body** according to UNI EN ISO 9001 in the following accreditation sectors (at the time of issue of this document):

- 06 “wood products (finished and semi-finished products)”;
- 14 “rubber and plastic products”;
- 16 “concrete, cement, lime, plaster, etc.”;
- 17 “basic metals and fabricated metal products”;
- 28 “builders, plant installation and maintenance engineers”;
- 29a “wholesale and retail trade and brokers”;
- 29b “repair of bicycles, motor cycles and motor vehicles”;
- 31a “logistics: transport, storage and communication”;
- 33 “information technology”;
- 34 “engineering services”;
- 35 “other services”;
- 37 “education”.

Accreditation awarded 12/04/2006, Registration No. 082B, as a **product certification body** in the following sectors :

- Steel and cast-iron products such as gully tops and manhole tops, according to:
  - UNI EN 124:1995
- Burglar resistance of doors, windows and shutters, according to:
  - EN 14351-1:2006
  - UNI ENV 1627:2000
  - UNI ENV 1628:2000
  - UNI ENV 1629:2000
  - UNI ENV 1630:2000

ACCREDIA accreditation of Istituto Giordano is recognised:

- in countries of the European Union and EFTA as a result of the Multilateral Recognition Agreement (MLA) undersigned by ACCREDIA and the majority of accreditation bodies belonging to **EA (European co-operation for Accreditation)**.
- internationally (throughout the world) as a result of the Multilateral Recognition Agreement (MLA) undersigned by ACCREDIA and the majority of accreditation bodies belonging to the world association **IAF (International Accreditation Forum, Inc.)**

#### 2.2. **ACCREDIA - Department of Test Laboratories (previously SINAL)**

Accreditation No. 0021 granted 14/11/1991, accreditation subsequently renewed on 14/11/1995 and 16/12/1999, 18/12/2003 and 13/12/2007.

##### **Bellaria Site A:**

Accredited tests at time of issue of this document:

- **Heating appliances fed with water (radiators and convectors)**
  - Radiators and convectors. Thermal output. Water temperature less than 100°C (UNI EN 442-2:2004, EN 442-2:1996/A2:2003)
- **Panic exit devices operated by a horizontal bar, for use on escape routes. Emergency exit devices operated by a lever handle or push pad:**
  - Verification of performance requirements and classification (UNI EN 1125:2008/EC:2009, UNI EN 1670:2007/EC:2008, UNI EN ISO 9227:2006, UNI EN 179:2008, UNI EN 1670:2007/EC:2008 and UNI ISO 9227:2006).

- **Curtain walling:**
  - Air permeability and classification (UNI EN 12153:2002 and UNI EN 12152:2003).
  - Resistance to wind load and classification (UNI EN 12179:2002 and UNI EN 13116:2002).
  - Watertightness and classification (UNI EN 12155:2002 and UNI EN 12154:2001).
- **Windows and doors:**
  - Air permeability and classification (UNI EN 1026:2001 and UNI EN 12207:2000/EC:2007).
  - Resistance to wind load and classification (UNI EN 12211:2001, UNI EN 12210:2000/EC:2004 and 2007).
  - Watertightness and classification (UNI EN 1027:2001 and UNI EN 12208:2000/EC:2007).
- **Windows, doors and shutters**
  - Burglar resistance and classification (maximum dimensions of the sample 2,5 m × 2,5 m) according to UNI ENV 1627:2000.
  - Resistance under static loading (UNI ENV 1628:2000).
  - Resistance under dynamic loading (UNI ENV 1629:2000).
  - Resistance to manual burglary attempts (UNI ENV 1630:2000).
- **Thermal solar systems and components. Solar collectors (excluding non glazed collectors).**

Reliability and thermal performance in steady state conditions (maximum dimensions of solar collectors for indoor testing: 2,2 m x 1,3 m) according to UNI EN 12975-2:2006 and UNI EN 12975-1:2006):

  - Internal pressure.
  - High temperature resistance (indoor and outdoor).
  - Solar exposure (indoor and outdoor).
  - External thermal shock (indoor and outdoor).
  - Internal thermal shock (indoor and outdoor).
  - Rain penetration.
  - Freeze resistance.
  - Mechanical load.
  - Impact resistance.
  - Final inspection.
  - Thermal performance in steady state conditions (indoor and outdoor).
- **Thermal insulation products and construction materials:**
  - Thermal resistance and thermal conductivity by means of the guarded-hot-plate method (UNI EN 7745:1977 with revision sheet FA 112:1983, UNI EN 12664:2002, UNI EN 12667:2002 and UNI EN 12939:2002 and ISO 8302-1991).
- **Thermal insulating products for building applications:**
  - Determination of water vapour transmission properties (UNI EN 12086:1999).
- **Rendering and plastering mortars:**
  - Determination of water vapour permeability (UNI EN 1015-19:2008).
- **Construction materials and products:**
  - Determination of water vapour transmission properties (UNI EN ISO 12572:2006).

#### **Gatteo Site B:**

Accredited tests at time of issue of this document:

- **Safes, ATM safes, strongroom doors and strongrooms:**
  - Burglar resistance and classification, with the exception of testing with explosives. Ref. Para. 9, UNI EN 1143-1:2009.
- **Safes for private use:**
  - Burglar resistance and classification (UNI EN 14450:2005).
- **Road traffic noise reducing devices**
  - Sound absorption coefficient  $\alpha_S$  (100 Hz ÷ 5 kHz, interrupted noise method) and rating of sound absorption  $DL\alpha$  (100 Hz ÷ 5 kHz, interrupted noise method) according to UNI EN ISO 354:2003, UNI EN 1793-1:1999 and UNI EN 1793-3:1999).
  - Laboratory measurements of airborne sound insulation (100 Hz ÷ 5 kHz) and rating of airborne sound insulation performance  $DLR$  (100 Hz ÷ 5 kHz) according to UNI EN ISO 140-3:2006, UNI EN 1793-2:1999, UNI EN 1793-3:1999 and UNI EN ISO 717-1:2007).
- **Building elements, excepting those classified as building elements of small dimensions:**
  - Laboratory measurement of airborne acoustic insulation (100 Hz ÷ 5 kHz) (UNI EN ISO 140-3:2006 + UNI EN ISO 717-1:2007).
- **Vertical non-loadbearing elements - Walls**
  - Fire resistance test for non-loadbearing elements - walls according to UNI EN 1364-1:2002 and UNI EN 1363-1:2001).
  - Impact testing and radiation measurement, ref. only Para 7 e 8 of UNI EN 1363-2:2001.
  - Classification according to fire resistance testing, impact testing and measurement of radiation (UNI EN 13501-2:2005).
  - Classification of fire resistance, impact test and radiation according to UNI EN 13501-2:2008.

- **Materials and building products**
  - Reaction to fire testing - ignitability of building products subjected to direct impingement of flame. Part 2: Single source test (UNI EN ISO 11925-2:2005).
  - Reaction to fire tests for floorings. Part 1: Determination of the burning behaviour using a radiant heat source (UNI EN ISO 9239-1:2006).
  - Reaction to fire tests for building products. Non-combustibility test according to UNI EN ISO 1182:2005).
  - Fire classification of construction products and building elements (UNI EN 13501-1:2007).
- **Furniture, people and space absorbers**
  - Area of equivalent sound absorption (100 Hz ÷ 5 kHz, interrupted noise method) according to UNI EN ISO 354:2003.
- **Walls, ceilings and sound absorbers**
  - Sound absorption coefficient  $\alpha_{fS}$  (100 Hz ÷ 5 kHz, interrupted noise method) and weighed sound absorption coefficient  $\alpha_{fW}$  (100 Hz ÷ 5 kHz, interrupted noise method) according to UNI EN ISO 354:2003 and UNI EN ISO 11654:1998 (data processing)).
- **Small building elements excluding doors and windows smaller than 1 m<sup>2</sup>**
  - Laboratory measurement of airborne acoustic insulation of small building elements  $D_{n,e}$  (100 Hz ÷ 5 kHz) (UNI EN ISO 140-3:2006, UNI EN ISO 717-1:2007).
- **Door and shutter assemblies and openable windows:**
  - Fire resistance testing on doors, shutters and openable windows (UNI EN 1634-1:2001/EC:2004/EC:2008 + UNI EN 1363-1:2001).
  - Radiation measurement, ref. only Para. 8 of UNI EN 1363-2:2001.
  - Classification based on results of fire resistance and radiation measurement (UNI EN 13501-2:2008).
- **Standard vertical road signs (ref. Article 80 of Presidential Decree No. 495/92):**
  - Resistance to horizontal loads - Ministerial Circular No. 3652 of 17/06/1998 (Official Journal of the Italian Republic, General Series No. 168 dated 21/07/1998 and successive Protocol No. 1343 for clarification); Ministerial Circular No. 1344 of 11/09/1999 (Official Journal of the Italian Republic, General Series No. 91 dated 20/04/1999) of the Ministry of Public Works.
- **Secure storage units:**
  - Burglary resistance and classification (with the exception of testing with explosives, ref. Para. 9 of UNI EN 1143-2:2003.

### 2.3. COPA (Italian Public Consortium for Accreditation)/SIT (Italian Calibration Service)

Accredited calibration at time of issue of this document:

- Accreditation No. 20 - SIT Calibration Centre No. 20, for temperature and electric quantities (Bellaria and Pomezia sites).

ACCREDIA (previously SINAL/SINCERT) and SIT/COPA accreditation of Istituto Giordano is recognised:

- in countries of the European Union and EFTA as a result of the Multilateral Recognition Agreement (MLA) undersigned by ACCREDIA, SIT/COPA and the majority of accreditation bodies belonging to **EA (European co-operation for Accreditation)**
- internationally (throughout the world) as a result of the Multilateral Recognition Agreement (the "ILAC Arrangement") undersigned by ACCREDIA, SIT/COPA and the majority of accreditation bodies belonging to ILAC (**International Laboratory Accreditation Cooperation**).

## **RECOGNITION**

### **ICIM S.p.A. (Italian Certification Institute for Mechanical and Engineering Industries)**

Recognition/authorisation to carry out laboratory tests as part of voluntary Product Certification schemes for the "ICIM Mark".

### **IMQ (Quality Mark Institute)**

Recognition/authorisation to carry out laboratory tests as part of voluntary Product Certification schemes for the "IMQ-CIG Mark of Conformity" for flues.

### **UNCSAAL (Italian Architectural Aluminium and Steel Manufacturers Association)**

Recognition dated 26/03/1985.

Testing laboratory for UNCSAAL certification of **window, doors and curtain walls**.

### **KEYMARK for thermal insulation products ([www.key-mark.org](http://www.key-mark.org))**

Authorisation issued 05/07/2002 by SDG5 (Scheme Development Group 5 - a body promoting the voluntary European product certification scheme for thermal insulation products) to carry out thermal conductivity measurement as part of the CEN KEYMARK voluntary certification scheme for **thermal insulation products**.

### **IFT (Institut für FensterTechnik e.V.)**

Recognition/authorisation to carry out laboratory testing and factory surveillance as part of voluntary product certification schemes aimed at obtaining the "IFT-IG Mark" for:

- windows, doors, shutters (burglar-resistant);
- door and window frames.

### **EFSG (European Fire Security Group)**

Recognition/authorisation to carry out laboratory testing on behalf of EFSG certification bodies for voluntary product certification regarding **safes and other secure storage units**.

### **AENOR (Asociación Española de Normalización y Certificación) - Spain**

Recognition/authorisation to carry out conformity evaluation for CE marking on products covered by the **construction products** directive (89/106/CE).

### **VTT - Finland**

Recognition/Authorisation for Istituto Giordano to carry out conformity evaluation for CE marking on products covered by the **construction products** Directive (89/106/CE).

### **Rimini Chamber of Commerce, Industry, Crafts and Agriculture (C.C.I.A.A.)**

Executive Decision No. 47 of the Rimini C.C.I.A.A. dated 28/01/2004 (*initial recognition*).

Executive Decision No. 368 dated 06/07/2005 (*annual renewal of recognition*).

Authorisation by the C.C.I.A.A. for periodic verification of commercial measuring instruments for metrological reliability according to Decree No. 182 dated 28/03/2000 issued by the Ministry of Industry, Trade and Crafts and published in the Official Journal of the Italian Republic, General Series No. 154 dated 04/07/2000, and its Decree of Implementation No. 10 dated December 2001, published in the Official Journal of the Italian Republic, General Series No. 39 dated 15/02/2002.

### **FBT VKF - Switzerland**

Official recognition by the Swiss Construction Technology Commission (FBT) and the Association of Public Buildings Insurance Companies (VKF) as a test laboratory for **fire resistance of building components**.

### **3. MEMBERSHIPS**

**AGI**

Italian Geotechnics Association

**AIA**

Italian Acoustics Association

**AICQ**

Italian Quality Association

**AIPnD**

Italian Non-Destructive Testing Association

**ALIF**

Italian Fire Laboratories Association

**ALPI**

Independent Testing Laboratories Association

**ANIT (ANITTEP)**

Italian Association for Heat and Acoustic Insulation

**ASTM**

American Society for Testing and Materials

**ATECAP**

Technical/Economic, Ready-Mixed Concrete Association

**CONFINDUSTRIA RIMINI**

Association of business enterprises in the province of Rimini

**CTI**

Italian Thermo-Technical Committee, energy and environment

**EARMA**

European Association of Research Managers and Administrators

**EGOLF**

European Group of Organisations for Fire Testing, Inspection and Certification

**FOX CLUB**

European Association of Testing Institutes for the Assessment of Burglar Resistant Building Components

**UNI**

Italian organization for standardization