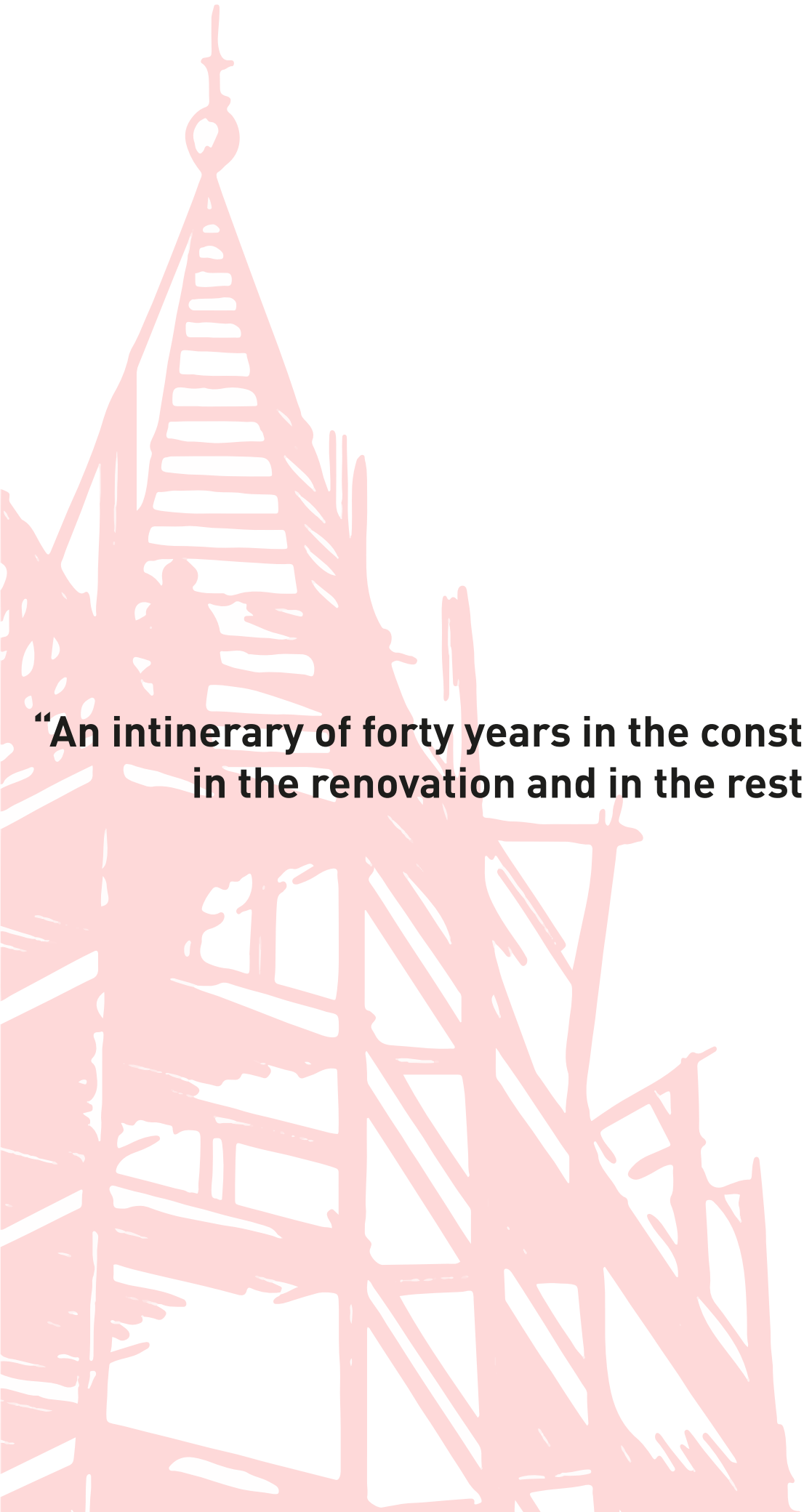
FRACASSA

HISTORY BUILDERS

SINCE 1973

Specialized in Building Construction - Renovation and Restoration - Archaeological Excavation



“An intinerary of forty years in the construction industry, in the renovation and in the restoration”

The Enterprise

Rinaldo Fracassa

at a very young age, he pursues a career in the construction field, but having strong entrepreneurial skills, after learning the masterly work required in the field, he decided to make the big leap and from employee he becomes leader of a small enterprise. After long years of work, overcoming many difficulties met during this journey, today, he is the owner of a well established enterprise with forty years of experience in the restoration, maintenance and consolidation of historical group works, to the management in which also his sons work with the same passion and devotion.

The Enterprise Fracassa Rinaldo s.r.l. constituted in 2005 following an individual constitution it begins their works in 1973. Ever since, it obtained the certificate of qualification for execution of public work restoration and maintenance of the property subjected to protection under the Law June 1st 1936 n. 1089 and uses the System of Quality UNI EN ISO 9001:2008, the System of the Environment UNI EN ISO 14001:2004 and the System for the Health and Occupational Safety OHSAS 18001:2007.

They also have a thirty years experience with thirty years with the Authorities of Abruzzo for environmental goods in L'Aquila in the sector of restauration, maintenance and consolidation of historical complex and also a collaboration with the Authorities of the Cultural Heritage of the Region Marche in Ancona in the course of the subsequent operations to the 1997 earthquake with acquisition of considerable experience as regards the premium wiring , the underpinning and the chaining of unsafe buildings up to complete restoration .

The works are performed in a workmanlike manner , then receiving certificates of merit by the customers.

In terms of the implement, the company owns all the means and equipment necessary for the operating methods and are subject to periodic tests planned or revised with the latest technology in order to ensure maximum security for the employees in the work place. In the terms of the enterprise's workforce, the company has a staff regularly hired, trained and informed, as well as appropriately divided into various areas of expertise and specialisation

Consolidation, architectural and monument restoration

Customer: Authority for the Artistic and Historical Architectural Heritage for Region Abruzzo (AQ)

Work provided and accomplished for the restoration of the San Francesco's Church:

- Demolition and removal
- Assembling and dismantlement of the scaffoldings
- Realization of provisional cover in pipes and joints
- Total removal of the roof
- Restoration of the walls with punctures and injections
- Reconstruction of the new roof
- Total reconstruction of the vault
- Restoration of decorative frames of the frescoes
- Painting
- Restoration of the choir, confessional and front door

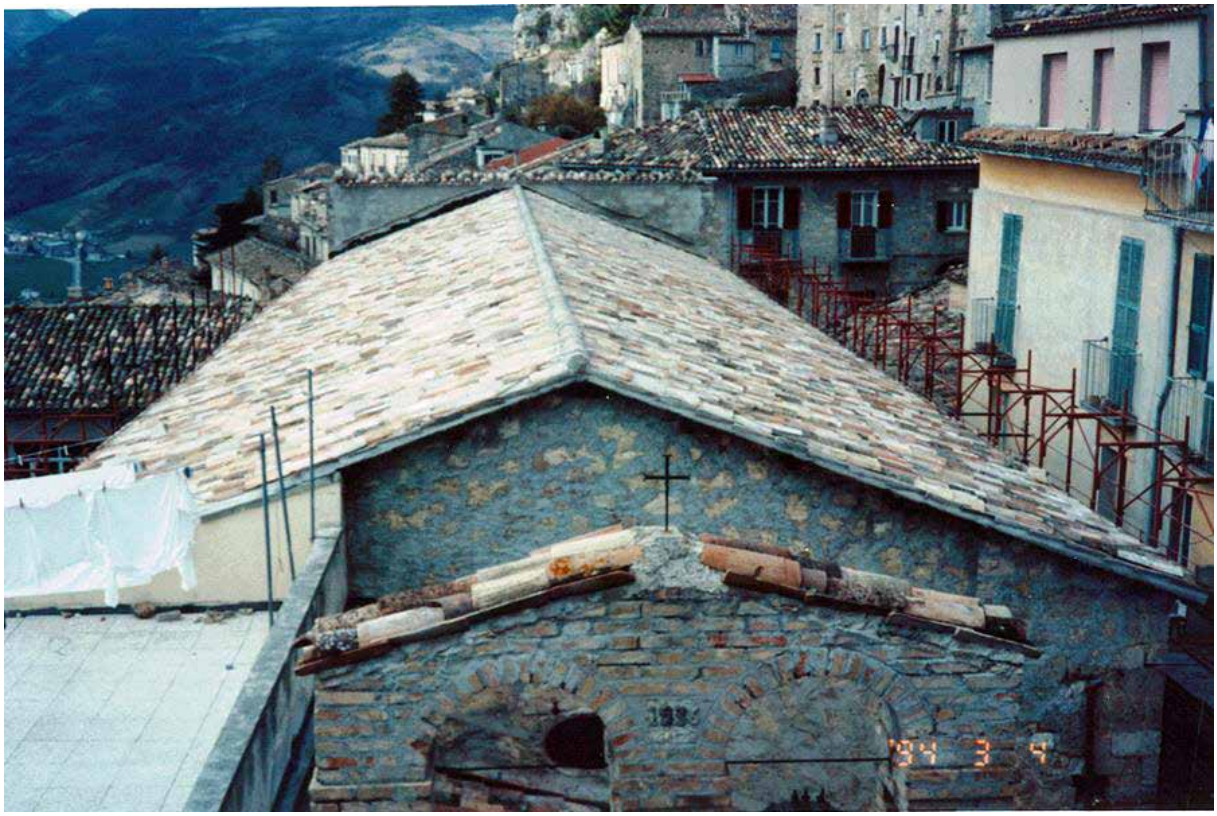
Church before the restoration

Church after the restoration

Provisional cover in pipes and joints

Particulars of the beams in CLS for the roof

Particulars of the beams in CLS for the roof



Completed roof phase

Particulars of the consolidation of the vault

Inside the Church after restoration

Customer: City of Martinsicuro (TE)

Work provided and accomplished for the consolidation for the Torre Carlo V:

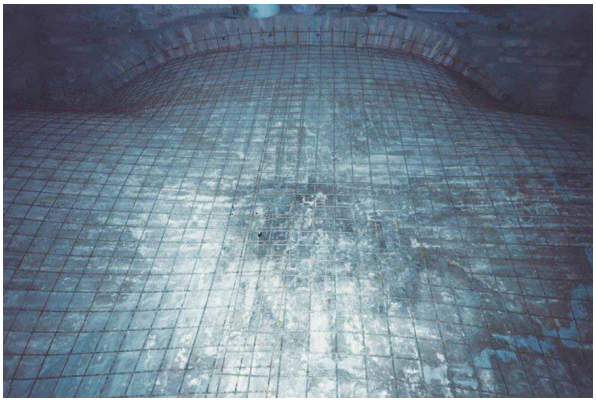
- Assembling and dismantlement of the scaffoldings of tubes and joints
- Consolidation of the walls with stitch and unstitch
- Restoring all the lintels of doors and windows
- Restoration and consolidation of masonry vaults
- Reinforcing wall with the puncture and insertion of steel bars with cement
- Horizontal barrier against moisture with the replacement and the integration of the outer wall face view parameter with the final straightening of the joints
- Complete removal of the roof with the replacement of primary and secondary framework, including waterproofing and roofing tiles

Torre Carlo V after The restoration

Specifics of the Tower before the restoration

On the left an erect scaffolding with tubes and joints – On the right specifics of the decay of the front facade

On the left a particular reconstruction of the vault – On the right a particular of the rebuilt vault

Specifics of the consolidation of the supporting vault with reinforced weld joint


Specifics of the consolidation of the supporting vaults


Specifics of the consolidation of the vaults of the attic


Total dismantling of the roof

The lower surface of the fixed roof

Archaeological evidences

Customer: Authority for the Artistic and Historical Architectural Heritage for Region Abruzzo (AQ)

Works provided and accomplished for the restoration of the former Monastery of Sant'Antonio of Teramo assigned to become the State Archive:

- Wall consolidation with the execution of drills and injections
- Consolidation with unstitch and stitched masonry and consolidation of the wood roof
- Execution of the chemical barriers for the capillary moisture
- Consolidation of the vault with the emptying of it and the reinforcement with electric network
- Sandblast in the attic of the vaults with thread of the joints
- Execution of draining, execution of dehumidifying plaster to interior walls
- Replacement of windows, realization of the floor
- Realization of the electrical system, hydro-thermal sanitary and heating
- Final painting and last works of decoration

State Archive of Teramo after the restoration


On the left rooms before restoration – On the right removal of mineral wool panels


On the left the dismantling the floor for drainage – On the right laying of the nylon cloth and boards for drainage


On the left installation of the iron for casting in CLSA – On the right verification tool with the percentage of humidity in the rooms


On the left execution of the chemical barrier against capillary rising moisture
On the left the filling of the holes with special dehumidifying mortar

The vaults deteriorated before the restoration

Specific of a room at work completed

Specific of a room at work completed

Specific of a room at work completed

Customer: Authority for Architectural and Environmental Heritage for the Region Marche (AN)

The history of the sanctuary begins in 1294, with the arrival at the house from the family of Virgin Mary of Nazareth and it is where the holy mother Mary received the news that she would have a baby named Jesus. At the beginning the precious relic was elevated and covered by a vault and soon surrounded by arcades then by a church and finally by the actual Cathedral.
In 1468, by the will of the Bishop of Recanati Nicolo de Artis, the works of the great temple started, both to protect the Holy House and also to accommodate the large crowd of pilgrims who went there on a visit. The Bishop died the year after, in 1469, and Pope Paul continued his work. It seemed that in 1464, when he was on a visit to Loreto, when he was still a cardinal, he was on a vist and was miraculously healed by a miracle of the Holy Mary. In 1587, with the addition of the facade, the building was finally concluded.
The Cathedral of Loreto represents one of the most important gothic renaissence monument of Italy, where the greatest architects of that period worked : Marino di Marco Cedrino, Baccio Pontelli, Giuliano da Sangallo, Giuliano da Maiano, Francesco di Giorgio Martini, Bramante, Andrea Sansovino e Antonio da Sangallo il Giovane.

The Cathedral of Loreto

The Cathedral of Loreto during the works

The Cathedral of Loreto during the works

Customer: City of Saltara (PU)

The Villa Bali is situated in S.Martino, north of the village of Saltara. The villa was rebuilt in 1564 by Vincenzo Negusanti, bishop of Dalmazia and dean of the Concilio of Trento, as a place of study, relax and meditation and it assumed the aspect it has today in the XVIII century after various renovation and remodelling. At the beginning it had four angular towers that were used as an astronomical observatory, today it has a linear façade with profiled windows and a stone staircase that gives access to the first floor by double flight of stairs . It was given to the Conte Antonio Marcolini until 1852 which later became property of the Company of Jesus and finally to the City of Fano.

Villa del Balì before the restoration

Villa del Balì after the restoration

Restoration of the vault 1st phase of work: emptying of the lower part vault

Restoration of the vault 2nd phase: renovation with the integration of the missing bricks and final cleaning

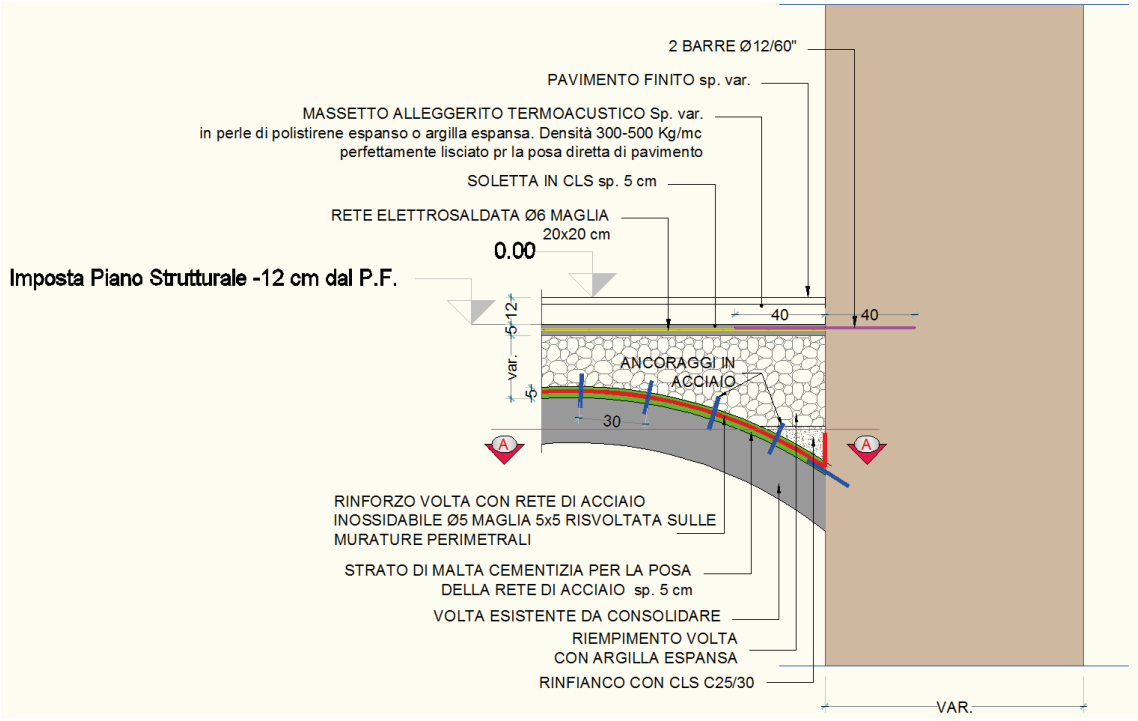
Restoration of the vault 3rd phase: reinforcement of the time with a fiberglass

Vault after the consolidation

Customer: City of Tivoli (RM)

The building project is made up of the monumental complex called "former College of the Mission", between the border of Villa D'Este, Piazza Campitelli, Via Mauro Macera and the former Church of the Annunziata to which it is attached.
The property comprises ground floor, four floors, loggia lookout on the roof and in the basement part of the building towards Piazza Campitelli.
The wall structure is set in a simple and linear architectural scheme, and is presented with a regular plan, lateral central hallway and room for the reception; on the side overlooking Via della Missione on the first and second floors are located the entertainment rooms.
The subsequent use as Judicial Reformatory, has led to the realization, in regards to the original morphology of the building, of fake walls required for the subdivision and has reduced the environments for detention use, as well as the outside of the building with a boundary delimitation masonry protection.
Recently, in view of the restoration of the whole monumental complex, it has been the subject of a series of actions summarized below:

- Restoration by Authority of Cultural and Environmental Heritage of the Church of the Annunziata;
- Reconstruction of the main building roof with consolidation of the principle associated supporting structure by iron trusses and floors in brick-concrete;
- Elimination of the perimeter of the courtyard with the reactivation of the urban space connecting the secondary output of the Villa D'Este , Piazza Dell'Annunziata and Piazza Campitelli rebuilt in its original form;
- Makeover and painting of the plasters and façade.



Specifics of construction

For the completion of the rehabilitation plan, the Municipal Administration of Tivoli, provides for the use of the property destinated to museum activities and, given the high state of degradation of the building not covered by previous projects (internal of all the building and part of the roof annexed to the main building), the recovery will take place through a workable plan for following periods aimed at the gradual use of the entire property.
The restoration project has been limited to conservative interventions that do not alter the original state of the building, but rather it will return the original conformation with the elimination of the above mentioned fake divisions.

Structural and anti-seismic improvements

Customer: Authority for the Cultural and Architectural Heritage for Region Marche (AN)

The Cathedral of San Pietro reopens after the works of consolidation and improvement seismic done after the earthquake in 1997. With the earthquake in September 1997 the Cathedral had extensive damages, fortunately without collapses in the area of the facade and the presbytery which remained forbidden for some time.

The works were done under the direction of the Superintendent of the Monumental heritage of the Region Marche and in particular the architect Biagio De Martinis that performed the overall project and construction management using qualified partners for initial and static checks reliefs.

The overall rating of study and identifying historical material, the deep study of degradation and the seismic behavior have required quite long time which does not mean carelessness, but awareness of the problem in all its complexity. The documentation is so vast and important that anyone will have a strong knowledge base for the future studies and interventions.

The work was done by the Enterprise Fracassa Rinaldo that has shown great competence and professionality.

The constant interest of the bishop Orlandoni and don Pierdomenico Pasquini managed to overcome all the difficulties and thanks to the close cooperation between private partners , the Authority and the Diocesi, made it possible to reopen the Cathedral.

Among the most significant works that have been carried out referred to the opening of the church, to see some details that should be mentioned on the consolidation of the roof by creating a metal curb with the revision of the roof and all the trusses and wooden louvers, consolidation of the walls , the great anchor job, consolidation and seismic improvement of the façade , the movement has created concerns and problems.

The building has been secured by means of perforations and steel rods for the future that will ensure consistency and safety. Many people were impressed by the repainting of the façade and interior, but it is true that the interior with the new lighting and painting repurchased a great atmosphere, but the professionalism of the restorers is that these technical performers are not to bring out the great work carried out but to make them recognizable in time without altering the original factory and in doing , it turned out in an excellent manner.

"Letter from the Curia of Senigallia"

The Tower of the Cathedral

Cathedral of San Pietro during the restoration

Restoration of the interior frescoes

Customer: Authority for the Environmental and Architectural Heritage of Region Marche – (AN)

The church of Santa Lucia in Serra San Quirico (AN) in the Region Marche has one of the most perfect interior baroque and rococo' decoration , elegantly well conserved and a completion of assembly, an absolute event that can be enjoyed by the visitor once he has exceeded the memory of a true urban vision, Brabant style and will have awareness of different cultures and civilizations, one of the wonders of elegance and sumptuousness scenic characterizing the Baroque period between the seventeenth and eighteenth centuries.

The church is quite antique ; in that period it was completely remade inside: here the surprise, that slowly becomes an interest and admiration for an environment that wasn't touched and that reveals what were the figurative ideals – architecture, decoration, painting- in over a conflicted period yet very vital in our history. The church, formerly of the Silvestrini, hides many religious and cultural events of Serra San Quirico.

The intern is really a precious jewel box: plaster, decorations, wooden altars, the organ leaning against the façade, a masterpiece of golden carvings ,a true example of sophistication with untouched baroque decorative taste.

Tower of the Church of Santa Lucia before the restoration

Tower of the church of Santa Lucia during the works

Customer: Curia Arcivescovile of Camerino (MC)

Works provided and accomplished for the structural and anti-seismic improvements of the Cathedral of Camerino:

- Wall consolidation with the execution of drills and injections
- Consolidation with unstitch and stitched masonry and consolidation of the wood roof
- Consolidation of the vault with the emptying of it and the reinforcement with electric network
- Sandblast in the attic of the vaults with thread of the joints
- Final painting and last works of decoration

Cathedral of Camerino before the restoration - Construction site

Cathedral of Camerino after restoration

Cathedral of Camerino after restoration

Customer: City of Sant'Elpidio a Mare (FM)

In 1998, with the intent to evaluate the rich productive assets of the place and to witness the changements of the footwear accessories dictated by fashions and costumes, the Museum of Shoes "Cav. Vincenzo Andolfi" was founded, originally hosted at the exhibition facilities in Piazza Montalto Nannerini and today on the second floor of the former convent of the Filipini.
The museum preserves and exposes a rich collection of shoes, donated by private and by footwear enterprises, together with machines, forms and instruments for the working of the shoes. Offering to the visitor a story of the production history of the city of Sant'Elpidio a Mare in the territory background (represented by a real and great vocation for the manufacturing of the shoes) and the history of its tradition.
The most important works of renewal were the structural reinforcement of the bearing structures both vertical and horizontal. The emptying of the vaults was performed with the reinforcement by the use of a wired polypropylene net and interventions to stitch and unstitch with final draws of brickwork in view.

Former vist of the ex Museum of the Shoes

Consolidation of the vault: 1st working step: emptying the vault through the cleaning of the top surface

Consolidation of the vault: 2nd working step-:the installation of a coat of retain grip to assure the perfect cohesion

Consolidation of the vault: 3rd working step: installment of a wired biological polypropylene net

Consolidation of the vault: 4 th working step: spherical object in lime

Customer: City of San Ginesio (MC)

For the realization of the restoration and adjustment project with seismic improvements of the Institute Alberico Gentili in the City of San Ginesio, based on an interesting preliminary design, the entire complex used two different and distinct financial channels made available respectively by Law 289/2002, art.80, paragraph 2, and the Law 61/1998, article 4.
The final design of the works and interventions funded by Law 289 was finally adopted and signed by the City, by the Region Marche and by the Department of Civil Protection and the relative convention was deposited in the city hall on October 5, 2006.
The analysis of the building, its condition, and the user needs covered all the structural and functional aspects; the design solutions have been inserted in two separate processes, referring to the 289/02 Law and the Law 61/98, in relation to the possibilities offered as well as to the timing of the application foreseen.
The insights, essays and analysis conducted by the design team after the delivery of the first preliminary draft confirmed the substance of the conclusions that had been reached at that stage, even if with some specifications and additions , so as to allow and confirm objectives originally set out with an outlook to consecutive phases of intervention.
In its totality the project interventions intend to achieve:

- Improvement of the capacity response of the structures to the earthquake forces, so as to ensure the ability to continue to perform the educational activities in the building;
- Adaptation of the main functional features and essential services to conduct such activities;
- Ensurement of the completion of works connected with the actions described above;
- Accomplishment of the minimum finishings indispensable for the functionality of the school.

For the realization of these measures the elements used were mentioned in the art. 80, paragraph 21, of the Law 289/2002 and art. 4 of the Law 61/1998 in relation to their specific objectives, the financial resources that offered the predictable and used time.

The Istitute Magistrale "Alberico Gentili" before the restoration - Costruction site

Given the almost immediate availability of the resources of Law 289/02 and their prevailing specific possibilities of use for the consolidation of school buildings structures, it was decided to employ the same Law to secure and guarantee the habitability of the part of the complex used for educational activities on a continuous basis, corresponding roughly to the original
Augustinian convent, while being aware that it is impossible to realize all the works related to the consolidation that could affect the functionality of at least part of the plexus.
This is ensured by the project, drawn up in accordance with Law 61/99, which provides for the consolidation of the other part of the complex, originally intended for the church and now used as a lecture room in the Institute Gentili in addition to the completion of the works connected to the first part of the unrealized project for a lack of funds and ancillary services.


on the left the view from above – On the right the breakdown of the roof covering


Particular replacement of the main cover frame


On the left particular consolidation of the under roof – On the right particular reinforcement of the under roof with a metal net


On the left particular deposit of a coat of retain grip to improve the adhesion of Malta
On the right a particular of the under roof finished after consolidation

Customer: Complex "Borgo Degli Elfi"

The complex "Borgo Degli Elfi" in L'Aquila was damaged by the earthquake of 6th April 2009 that has significantly affected both the supporting structure of reinforced concrete and the finishes in general. In particular, action was taken on
a complex of five small terraced villas.
Among all the interventions made necessary for the restoration during state of pre-quake certainly you can cite:

- The reorganization of beams and columns with hoops of nodes with carbon fiber tapes intervention (unidirectional and directional frameworks tissues) and epoxy resins at various levels and the application of carbon foils on particularly damaged beams;
- The execution of bracing in steel beams HEB 180, suitably bolted between them, to be placed on two levels to the head buildings and made necessary to give a greater rigidity to the structure.
- The rehabilitation of damages between concrete and internal partitions prior Application of a fiberglass network of a two-component resin layer and high ductility needed on several occasions.
- The restoration of the external walls of the type with hollow space, with the external parameter in the face view curtain and inner wall plastered brick, by means of intervention of stiffening of the external parameter to be realized in the following ways: from the outside drilling holes in masonry 12 mm CA (In correspondence of the mortar joint) for an approximate depth of about 20 cm; cleaning the hole with compressed air; insertion of flakes in aramid fibers for the whole length of the hole; filling of the hole with chemical anchor, starting from the bottom of the hole and up to reflux outside; Insertion of a 50 mm carbon fiber sheet for the entire length of the statement; next the listing list of the excess material.

Exterior view the "Borgo Degli Elfi"

Structural reinforcement with fiber glass

Structural reinforcement with carbon fibers

Steel bracing

Formula of the pillar in C.A. with subsequent carbon fiber poses on the entire section with the use of epoxy resins




Restoration of the external curtain with aramedic fiber flakes and epoxy resins
with the application of carbon foils

Customer: Presidency of the Council of Ministers - Deputy Commissioner for Reconstruction
Office of the vice commissioner for the Protection of Cultural Heritage

Church of San Gregorio Magno before the shore up

Work shoring

Special coverage and shoring in pipes and joints and Church of San Gregorio after shoring

Innovative techniques for seismic strengthening of shareholders building historic and monumental - TIRARE

Introduction

With this work we devolped an innovative system of reinforcement of the type GFRCM (cementine mold with fiberglass net) with a monitoring system to an integrated optical fiber. The need for Eco binder material compatibility with masonry support involves the use of hydraulic lime malta as bonding matrix. On the other hand, the use of optical sensors have a large number of advantages over the other in terms of size, reduced weight, high resolution and durability. A complex non linear model in finished element has been processed both to evaluate the effectiveness of the reinforcement system and to define the response, in particular in terms of deformation of the reinforced structure . Eventually, an experimental test was conducted to verify a perfect functioning of the rear system and the monitoring system.

Digital model and results

The digital model accomplished has the goal to stimulate the non linear conduct of reinforced structure. For this aim we used the code MIDAS FEA. The Figures 1a, b, shows the structure of the vault in masonry structure examined in the pre and post conditions of the restoration project. It has a complicated pavillon polycentric shape in both directions. Moreover the same is collocated in the auxiliary of "the two courts". The non linear model in finished element is characterized by a regular mixture (Fig.1c)consisting of 4 shell elements (formulated according to Mindlin-Reissner) for the masonry, from the interface elements of 8 nodes and by membrane elements even them at 4 knots. For the masonry was adopted a non linear model TSC (Fig.2);for the interface, instead, a non linear model friction of Coulomb (Fig.2c) while reinforcement was assumed linear conduct.

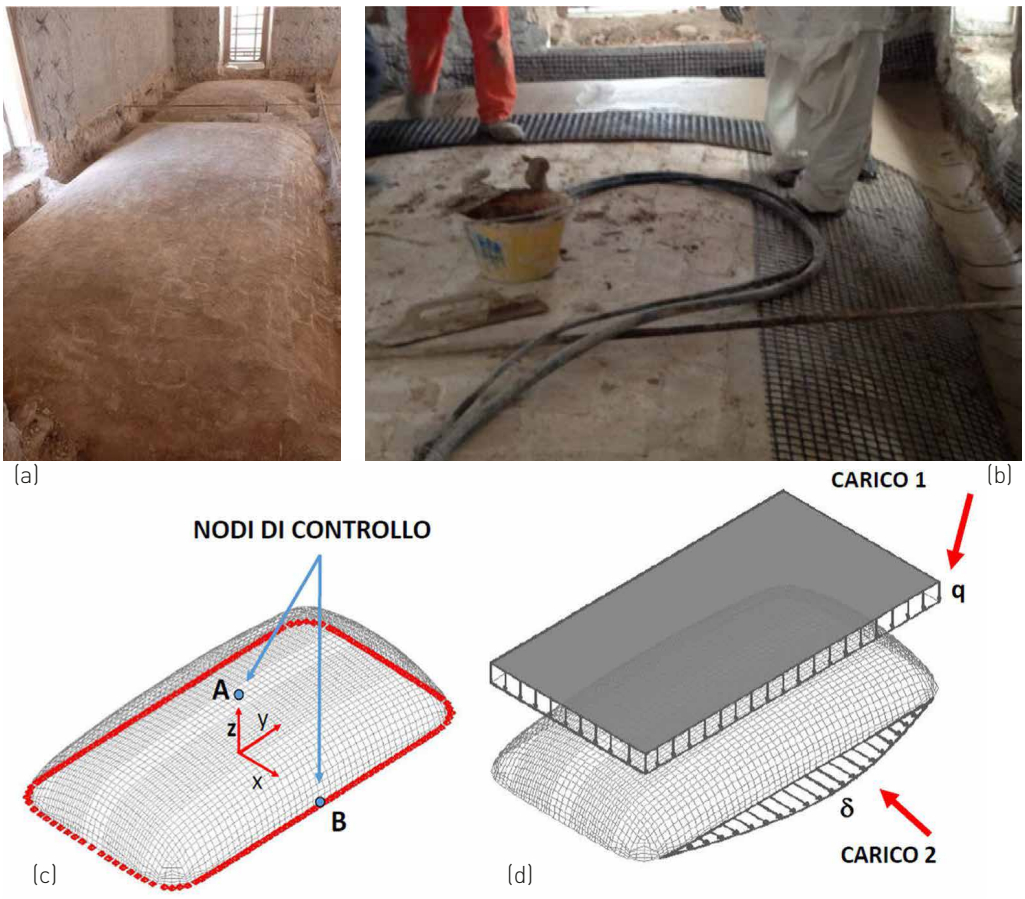


Figure 1: (a) masonry vault; (b) reinforcement; (c)(d)control nodes FEM and loads

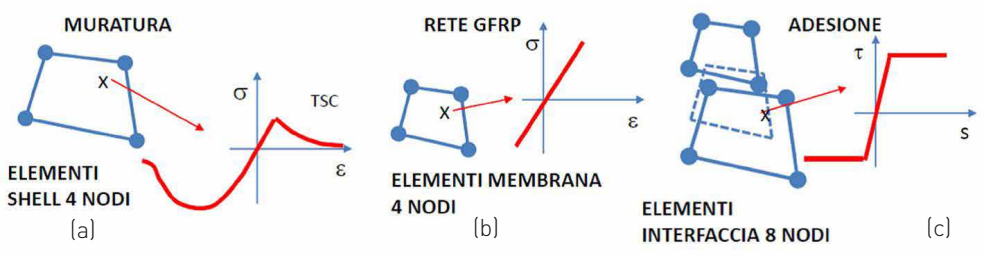
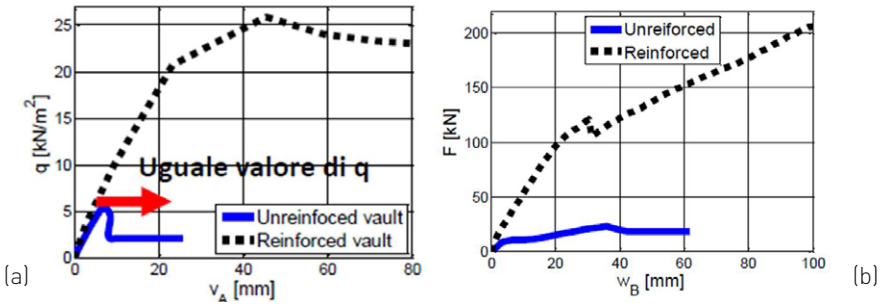


Figure 2: (a) Non linear model TSC; (b) Reinforced model; (c) Model friction of Coulomb

With numerical imitation we evaluated the structure of the vault for the two load cases of Fig 1d. For both load cases considered, the conduct of the reinforced vault is greatly improved. In particular, relatively to the case of vertical load, the response of the structure is modified from fragile to elastoplastic with a branch of ductile rather noticeable (Fig.3a); The resistance is increased by about 5 times. Relatively to the case of horizontal load, it is clear that the response is governed by the linear elastic reinforcement; the resistance is increased by a value between 5 and 7 times bigger.(Fig.3b)



(a) (b)

Figure 3: (a) Curve for vertical load; (b) Curve for horizontal load

Installing sensors FBG

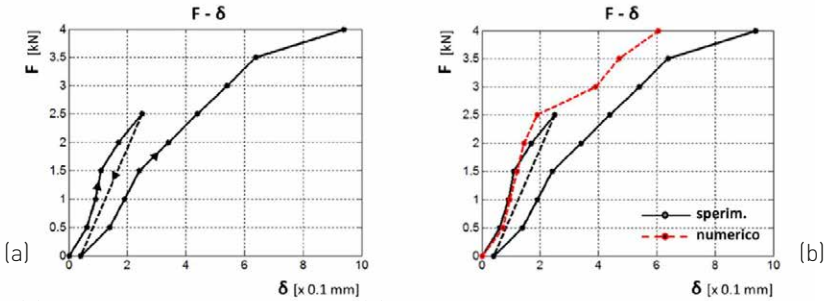
The installation of the monitoring system is provided through 4 main phases : 1- positioning of the products and optical cables (Fig.4a), 2-substrate preparation and gluing (Fig.4b), 3- protection of fiber sensors (Fig.4c), 4-closures of the boxes

(b) (c)

Figure 4: (a) Positioning of cable ducts and cables; (b) preparation of substrate and the gluing of sensors; (c) Proection of fiber and closures of boxes

In order to verify the quality of the numerical simulation and the good function of the monitoring system a test has been done with two loading cycles . The 1st cycle, the load applied on an area of 0.5xm^2 goes from 0 to 2.5 kN. We have a drain, and resumes the 2nd cycle up to 4kN. We do whether vertical displacement measures whether the measurement of boxes of the vault.

The figures 5a and 5b shows a good approximation between simulated values and the experimental values for both the vertical displacement whether for the deformations.



(a) (b)

Figure 5: (a) vertical load displacement curve; (b) comparison experimental numerical deformations

Conclusions

The innovative reinforcement system based on hydraulic lime provides a significant increase in the response of the vault structure examined. The methodology of integration of optical fiber sensors do not have any particular problems of application. A good agreement between the values of simulated and measured deformations was obtained.

SOA GROUP

Codice Identificativo : 06089021007 (Autorizzazione n.11 del 09/11/2000)

ATTESTAZIONE DI QUALIFICAZIONE ALLA ESECUZIONE DI LAVORI PUBBLICI
(ai sensi del D.P.R. 207/2010)

Rilasciato alla impresa:	FRACASSA RINALDO S.R.L.			
C. F.:	01572870671	P. IVA:	01572870671	
con sede in:	TERAMO	CAP:	64100	Provincia: TE
Indirizzo:	PIAZZA GARIBALDI 25			
Iscritta alla CCIAA di:	TE	al n.:	01572870671	

Rappresentanti legali		Direttori tecnici	
Nome e Cognome	Codice fiscale	Nome e Cognome	Codice fiscale
RINALDO FRACASSA	FRCRLD45S05L597S	Sig. ANDREA FRACASSA	FRCNDR77D03L103Y
		Rest. FRANCO MAJOLI	MJLFNC46S10H501D
		Arch. ELDA FORCELLA	FRCLDE68L67L103V

Categorie e classifiche di qualificazione:

Categoria	Classifica	C.F. direttore tecnico cui è connessa la qualificazione
OG 1	VII	
OG 2	VIII	
OG 11	II	
OS 21	III-BIS	
OS 2-A	II	

L'impresa possiede la certificazione (art. 3 comma 1, lettera mm) del D.P.R. 207/2010 valida fino al 17/12/2022 rilasciata da OBIETTIVO QUALITA' S. r.l..

L'impresa partecipa al consorzio stabile CONSORZIO STABILE RENNOVA, con codice fiscale 01781710668.

Attestazione n.:	23990/11/00	(N.ro prog./ codice SOA)	Sostituisce l'attestazione n.:	22395/11/00	(N.ro prog./ codice SOA)
Data rilascio attestazione originaria	21/04/2020	Data scadenza validità triennale	20/04/2023	Data scadenza intermedia (cons. stab.)	
Data rilascio attestazione in corso	11/12/2020	Data effettuazione verifica triennale		Data scadenza validità quinquennale	20/04/2025

Firmatari

Rappresentante Legale	CAMERA GUIDO	Direttore Tecnico	CIOTTI ALESSANDRO

Pagina 1 di 1

OBIETTIVO QUALITA'

SISTEMA DI GESTIONE QUALITA'
Certificato N°068/03

Si certifica che il Sistema di Gestione per la Qualità di

Fracassa Rinaldo S.r.l.

Piazza Garibaldi, 25 - 64100 Teramo (TE)

valutato secondo le prescrizioni del Regolamento Tecnico ACCREDIA RT-05

è conforme alla norma

UNI EN ISO 9001:2015

Questa certificazione è valida nell'unità operativa di

Piazza Garibaldi, 25 - 64100 Teramo (TE)

nel seguente campo di applicazione

Manutenzione straordinaria di edifici.
Restauro di beni immobili sottoposti a tutela

Sett. IAF 28

Data di rilascio 30/12/2010

Data di emissione corrente 16/12/2019

Data di scadenza 17/12/2022

Obiettivo Qualità S.r.l.
Giuliana Zaccagnini

Il presente certificato è soggetto al rispetto del Regolamento di Certificazione di Obiettivo Qualità S.r.l.
La sua validità è subordinata a sorveglianza periodica annuale e al riesame completo del sistema di gestione con periodicità triennale.
La presente certificazione si intende riferita agli aspetti gestionali dell'impresa nel suo complesso ed è utilizzabile ai fini della qualificazione delle imprese di costruzione ai sensi dell'articolo 84 del D.Lgs. 50/2016 e s.m.i. e Linee Guida ANAC applicabili.
Per informazioni puntuali e aggiornate circa eventuali variazioni intervenute nello stato della certificazione di cui al presente certificato, si prega di contattare l'indirizzo e-mail info@obiettivoq.it.

Obiettivo Qualità Srl
Via D. Zeppilli, 62
63900 Fermo (FM)
Sito web www.obiettivoq.it
e-mail: info@obiettivoq.it

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

SGQ N. 121A
SGA N. 060D
SCR N. 036F
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

OBIETTIVO QUALITA'

SISTEMA DI GESTIONE AMBIENTE
Certificato N°313/01

Si certifica che il Sistema di Gestione per l'Ambiente di

Fracassa Rinaldo S.r.l.

Piazza Garibaldi, 25 - 64100 Teramo (TE)

valutato secondo le prescrizioni del Regolamento Tecnico ACCREDIA RT-09

è conforme alla norma

UNI EN ISO 14001:2015

Questa certificazione è valida nelle unità operative di

Piazza Garibaldi, 25 - 64100 Teramo (TE)
Via Domenico Referza - 64100 Teramo (TE)

nel seguente campo di applicazione

Manutenzione straordinaria di edifici civili.
Restauro di beni immobili sottoposti a tutela.

Sett. IAF 28

Data di rilascio 04/10/2019

Data di emissione corrente 04/10/2019

Data di scadenza 03/10/2022

Obiettivo Qualità Srl
Giuliana Zaccagnini

Il presente certificato è soggetto al rispetto del Regolamento di Certificazione di Obiettivo Qualità Srl.
La sua validità è subordinata a sorveglianza periodica annuale e al riesame completo del sistema di gestione con periodicità triennale.
Per informazioni puntuali e aggiornate circa eventuali variazioni intervenute nello stato della certificazione di cui al presente certificato, si prega di contattare l'indirizzo e-mail info@obiettivoq.it.

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OBIETTIVO QUALITA'

SISTEMA DI GESTIONE SALUTE E SICUREZZA
Certificato N°312/01

Si certifica che il Sistema di Gestione per la Salute e Sicurezza sul lavoro di

Fracassa Rinaldo S.r.l.

Piazza Garibaldi, 25 - 64100 Teramo (TE)

è conforme alla norma

UNI ISO 45001:2018

Questa certificazione è valida nelle unità operative di

Piazza Garibaldi, 25 - 64100 Teramo (TE)
Via Domenico Referza - 64100 Teramo (TE)

nel seguente campo di applicazione

Manutenzione straordinaria di edifici civili.
Restauro di beni immobili sottoposti a tutela.

Sett. IAF 28

Data di rilascio 04/10/2019
Data di emissione corrente 04/10/2019
Data di scadenza 03/10/2022

Obiettivo Qualità Srl
Giuliana Zaccagnini

Il presente certificato è soggetto al rispetto del Regolamento di Certificazione di Obiettivo Qualità Srl.
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BUREAU VERITAS
Certification

Bureau Veritas Certification Holding SAS

CERTIFICAZIONE DEL SISTEMA DI GESTIONE SA8000

Numero del Certificato: IT299625 Rev 1

Questo per certificare che:

FRACASSA RINALDO S.R.L.

Sede Legale e Operativa: Piazza Garibaldi, 25 – 64100 TERAMO (TE)

È in possesso di un Sistema di Gestione adeguato ed efficace, che risulta conforme ai requisiti della Norma del Sistema di Gestione della Responsabilità Sociale SA8000

SA 8000:2014
Scopo della certificazione

Lo scopo della certificazione descritto dal presente certificato si riferisce alla responsabilizzazione e alla protezione di tutto il personale che fornisce prodotti o servizi a tale organizzazione all'indirizzo sopra indicato, compreso il personale impiegato dall'organizzazione stessa per le seguenti attività:

Manutenzione straordinaria di edifici civili. Restauro di beni immobili sottoposti a tutela.

Nota: le attività di FRACASSA RINALDO S.R.L., che operano dalla stessa sede sono coperte dal Certificato No. IT299625 Rev 1

Data della certificazione iniziale:

07 agosto 2020

Il presente certificato è valido fino al:

06 agosto 2023

L'audit di certificazione è stato Eseguito e supervisionato da:

230277

Numero ID

SA8000 Lead Auditor BV

SOCIAL ACCOUNTABILITY ACCREDITATION SERVICES

SA 8000

Luogo e data:

Italia, 7 agosto 2020

Per e in nome di
Bureau Veritas Certification
Holding SAS

Firmatario autorizzato
GIORGIO LANZAFAME
Local Technical Manager

Nota: Il mancato rispetto delle condizioni specificate nell'apposito Contratto di Certificazione può rendere il presente Certificato non valido.

Social Accountability International e le altre parti interessati del processo SA8000 riconoscono solo i certificati SA8000 emessi da Enti di Certificazione qualificati e accreditati dal SAAS e non riconoscono la validità dei certificati SA8000 emessi da organizzazioni non accreditate o da organizzazioni accreditate da qualsiasi entità diversa da SAAS. Inoltre, tutti i certificati SA8000 devono contenere l'indirizzo del sito web SAAS (www.saasaccreditation.org/certification) dove le parti interessate possono confermare la validità di un certificato SA8000 accreditato.

Questo certificato è emesso da SAAS Accredited Unit: Bureau Veritas Certification Holding SAS
Le Triangle de l'Arche, 8, cours du Triangle - CS 90096
92937 Paris la Defense Cedex – France

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