

Surname: Zucchetti

Name: Daniela

Nationality: Italian

Education: 2006, July – II level University Degree in Structural Civil Engineering at Polytechnic of Milan.
2003, October/2004 July – Erasmus project at Universidad Politecnica de Madrid, Spain.
2003, July – I level University Degree in Civil Engineering at Polytechnic of Milan.
Member of the Engineers List of Engineer Order of Milan enrolment n. A26802

Languages: Italian: mother tongue
English: level B2
Spanish: very good

Contract Type: Owner

Professional profile: Senior Civil Engineer responsible for calculation and design of civil, industrial and offshore structures in steel and in normal reinforcement concrete and for the preparation of metric estimations.

Following the most important experiences in collaboration with DCRPROGETTI:

2022 on going	STED - ENGITEC	Design of modularized steel structures for a waste battery disposal and treatment plant located in a very high seismic area - Indonesia Manyar Maju (MMR) Project. In-service and lifting analysis.
2022	TENOVA	Conceptual design of a CDRI plant - Salzgitter - Germany
2021-2022	BEDESCHI	Design of steel structures and steel conveyor belt for AEONorthern Star Taymir Dolgano-Nenets - Russian Federation.
2021-2022	BEDESCHI	Design of steel structures and steel conveyor belt for the revamping and improvement of middle distillates quality of ASORC Refinery - Assiut - Egypt.
2021	BEDESCHI	Strength and stability checks of a 25 m x 60 m warehouse following high deformations found on site immediately after the initial construction phases - Voestalpine Texas (USA).
2021	BEDESCHI	Design of a new crusher group (steel structures, conveyor belt, hoppers) - Italcementi Matera - Italy
2021	SCS INGEGNERIA	Detailed design of a reinforced concrete foundation of a permanent self-supporting anemometric tower Fulgitore (Trapani) – Italy – Indamic.

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2021	ZAMPINI	Seismic analysis to check the vulnerability of existing existing reinforced concrete building with five floor, located in Ascoli Piceno - Italy – Construction data 1981
2020	SCS INGEGNERIA	Detailed design of a reinforced concrete foundation of a permanent self-supporting anemometric tower – Aquilonia (Avellino) -Italy - EDP Renewables.
2020	DEMONT	Detailed structural design, with operating, transportation and lifting phase analysis, of a waste heat boiler (WHB) with relevant service platforms - Uzbekistan.
2020	BEDESCHI	Support structures design (tridimensional truss beams, galleries, bents, fixed point towers, discharge/tail head structure) for a pipe conveyor about 650 m length– Mitchell Indiana USA
2020	ERGOSUD	Seismic analysis to check the vulnerability of existing concrete buildings and steel structures with relevant piled foundations for Scandale plant – Crotona. Aircooler, heat recovery steam generator, electrical building, control building, canteen, guard house, storage building.
2020	ARKETIPO PROGETTI	Design of reinforced concrete structure with relevant foundations with blast load of Oil Treatment Plant OIL&GAS of Berri - ARAMCO - SAUDI ARABIA - Substation BLDG, PIB, Control Room, Maintenance BLDG and Utilities BLDG.
2019	WOOD	Structural design of a wind breaker fence about 25 m high for Antwerp Exxon refinery – Belgium.
2019	ISS INTERNATIONAL - 2PIGRECOE	Structural design of a concrete building in seismic zone and subjected to a blast load (1.5 psi) with the relevant foundation slab – NEW NAPHTHA COMPLEX MOTOR OIL (HELLAS) – CORINTH REFINERIES S.A.
2019	ARKETIPO PROGETTI	Structural design of eight reinforced concrete building for Refinery THAI OIL Clean Fuel project – Shiracha – Thailandia.
2018	SAIPEM	Structural design of five reinforced concrete building for revamping Takoradi-Tema Interconnection project - Ghana
2017	ARKETIPO PROGETTI	Structural design of steel structure MTB and reinforced concrete MCC buildings – RABIGH II Refining and Petrochemical Project - Saudi Arabia - SAIPEM
2017	FOSTER WHEELER	Computing engineering activities and structural design for revamping of steel structure in Sarlux Refinery in Sarroch, Sardinia
2016/17	GRUPPO CENTRO NORD	Foundations design for Najaran precast concrete plant – Saudi Arabia
2016	BEDESCHI HANDLING	Design and verification of steel supporting structures of belt conveyors in Turkmenistan.
2014/15	ENI VERSALIS	Design and verification of steel structures and foundations – New plant EP(D)M-GP27 - Ferrara
2014/16	GICOTECNICA	Design of steel structures pipe rack and shelter of ARAMCO Rafinery (Jazan – Saudi Arabian)
2013	SAIPEM	Design steel structures for Southern Swamp Associated Gas Solutions (SSAGS) Project – Nigeria. Analysis of different phases of construction, lifting procedure, transportation procedure, load out phases and in-service condition.

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2013	SIIRTEC NIGI	Check of project documents (drawings, report, BOQ) relevant to the foundations and the steel structures of the new Gazprom Invest LLC treatment gas plant in Kazatchiya – Russia
2013	REDECAM	Design and verification of steel support structures and foundations bag filter - Sour El Ghozlane, Algeria, with European code.
2012/13	TENOVA	Structural design of supporting structures of belt conveyors in Sierra Gorda plant in Chile.
2011	SAIPEM	Structural design and calculation of module for Staatsolie Refinery Expansion Project - Suriname. Analysis of different phases of construction: lifting procedure, transportation procedure, load out phases.
2011	ARKETIPO	Preliminary structural analysis of the new NAOC Office tower building in Abuja – Nigeria.
2011/12	SAIPEM	Basic design (FEED) of steel structures with relative foundations, waste water basins and foundations of tanks for the LNG Woodside plant - Browse - Australia – Checks in lifting conditions. Structural and seismic analysis in accordance with the Australian Standards AS3600 and AS / NZS 1170.0: 2002
2010/11	CEPAV UNO	Drawing check for database INRETE2000 Railway “Alta Velocità – Milano – Bologna”.
2009	C.S. IMPIANTI	Design MLE Project Algeria (Saipem-ABB).
2008	TECNOMARE	Design of COMPACQ MONOPODE – The platform is in 65m water depth. Design include the In-service, Lift, Spectral Fatigue Analyses (Structural Analyses performed with SACS).
2008	TECNIMONT	Stress analysis, modal and spectrum analysis, of steel structure building and relevant foundations, FGD Auxiliary Building – New Coal Power Plant (Bocamina – Chile) with the check of all members and connectives with L.R.F.D., A.C.I. and Chile Official code.
2008	SAIPEM	SAIPEM 7000 J-Lay Tower Upgrade – Structural Design review and sensibility analyses for the J-Lay Tower with the new loads for 2800m water depth.
2008	REDECAM	Colacem Caravate, steelworks design and relevant report as per law 1086/1971.
2008	SAIPEM	Design of BARAKA Jacket for the BARAKA field (Tunisia) The jacket is in 91.0m of water, the design include the In-service, Lift, Loadout, Transportation, and Spectral Fatigue Analyses (Structural Analyses performed with SACS). Jacket weight 1100 tonnes.
2008	REDECAM	Steelworks design of supporting structures Al Katrana Cement Project.
2008	SAIPEM	Offshore design of steel platforms Thekah 2 and Thekah North in the Mediterranean Sea (Egypt) during various phases of construction: transport, lifting, positioning and on-bottom analysis.
2008	REDECAM	Steelworks design of ducts supporting structures for project MOHA 1 & 2.
2008	ITALGEN	Bridge design for S. Giovanni Bianco Hidroelectric Power Plant.

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2008	SAIPEM	Design of TUNA Jacket for the TUNA 1 field (Egypt) The jacket is in 82.5m water, the design include the In-service, Lift, Loadout, Transportation, and Spectral Fatigue Analyses (Structural Analyses performed with SACS). Jacket weight 1300 tonnes.
2008	PERI	Structural design of containing walls for a new industrial area in Cremona
2008	REDECAM	Moha – Belgium, strength check of the plant structures.
2007	SEI	Pfzier Italy building, revamping.
2007	SAIPEM	Revamping of 4 Deck of the ASHTART field (Tunisia with the design of offshore steel structure modules performed with SACS.
2007	MSC ASSOCIATI	Support frame design of the for the “Complesso Garibaldi Repubblica”.
2006-7	PLATE'	Structural design of renovation of residential area in Milan.
2006-7	SNAMPROGETTI	Stress analysis of piperack steel structures and relevant foundations, piperack reinforced concrete recast and relevant foundations, equipments foundations of Petroleum GOSP Plan (Khursanyah – Saudi Arabia) with the check of all members and node with L.R.F.D. and A.C.I. code. Steel 30.000 tons; concrete 60.000 m3.

Informatic knowledge: Operative system: Microsoft Windows Operating Systems

Office automation: Microsoft Office suite

Stress Analysis Structural Programs: GT STRUDL, XFINEST, MASTERSAP, SACS, SAP 2000, STAAD.Pro, MAT3D

Graphic: Autocad