



EDUCATION

- Notre Dame of Dadiangas University, Philippines
- Bachelor of Science, Civil Engineering, 2000

PRACTICE AREAS

- Building Enclosure Consulting
- Building Enclosure Testing
- Peer Review
- Third-Party Calculation Review
- Facade Engineering
- Field Monitoring

REGISTRATIONS

- Licensed Civil Engineer, Professional Regulation Commission, Philippines

PROFESSIONAL AFFILIATIONS

- Overseas Filipino Civil Engineers Association
- Philippine Institute of Civil Engineers
- UAE Society of Façade Engineers

CONTACT

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EXPERIENCE

Jules Obcena joined WJE in 2016 with a focus on building enclosure consulting and testing, peer review, third party calculation review, facade engineering, and field monitoring. He was previously Senior Engineer of the Building Sciences Unit of Intertek Global, Ltd. in the Middle East. Mr. Obcena was a facade/structural engineer prior to consulting for several of the aluminum contractors in UAE in an expatriate career that goes back to 2003. He has completed a number of recognizable, high-rise, and complex-geometry projects in the Middle East and Gulf region which utilizes bespoke unitized curtain wall systems. His interests include long-span glass walls, glass floors, glass fins, glass point-fix systems, skylights, and glass canopies.

In 2007, Mr. Obcena joined the newly opened Permasteelisa-Gartner office in Dubai as Senior Structural Engineer and was later promoted as Chief Engineer. His role was to lead a team of engineers to provide facade engineering support to the project teams including the commercial department in specifications review, systems design, structural and thermal calculations, value engineering, local code compliance, materials selection, performance mock-up tests method statement writing for in-house tests, test witnessing, and group research and development coordination. In the same capacity, he was later engaged by Reem Emirates Aluminum, Belgium Aluminum and Cladtech International, all in the United Arab Emirates (UAE). At the start of his career, Mr. Obcena worked as a structural engineer for Permasteelisa Philippines and was later assigned to the headquarters in Italy to render design calculations for international projects.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- QCC - Abu Dhabi, UAE
- Opus Tower - Dubai, UAE
- Al Maryah Central - Abu Dhabi, UAE

Building Enclosure Testing

- Al Mimari Windows - Abu Dhabi, UAE

Peer Review

- CMA Tower - Riyadh, KSA: Peer review of the 100 percent facade design development drawings and documents for a seventy-six-story, 385 meter-high tower which covered specification review, structural study, building movements accommodation assessment, acoustic and thermal performance, safety aspects, performance mock-up, suitability of main specified materials, facade access system, comments on proposed detail drawings, 3D-modelling, and value engineering proposals. The external envelope design calls for a triple-glazed thermally broken unitized curtain wall panel system supporting an external catwalk with attached inclined laminated glass fins as shading devices.

Third-Party Calculation Review

- Al Maryah Central - Abu Dhabi, UAE
- Abu Dhabi International Airport, Midfield Terminal Building - Abu Dhabi, UAE
- CMA Tower - Riyadh, KSA

Facade Engineering

- Aldar Headquarters - Abu Dhabi, UAE
- New Doha International Airport (Hamad) - Doha, UAE
- King Abdullah Financial District - Riyadh, KSA
- World Trade Centre Residence - Dubai, UAE
- Bahrain World Trade Centre - Manama, Bahrain
- Yas Island Hotel (Viceroy) - Abu Dhabi, UAE
- Qasr Al Muwaiji Museum - Al Ain, UAE
- Masdar City 1B/1C - Abu Dhabi, UAE
- Saraya Towers - Abu Dhabi, UAE
- Hyatt Hotel Aerocity - Delhi, India
- Siemens HQ, Masdar City – Abu Dhabi, UAE
- Port Baku Tower – Baku, Azerbaijan
- Canary Wharf Redevelopment – London, UK

Field Monitoring

- Opus Tower - Dubai, UAE
- Al Maryah Central - Abu Dhabi, UAE