

PROFILE

OSKEFER Consulting is an engineering company with head office located in Singapore, which provides *engineering consultancy services, e.g., failure analysis, forensic engineering investigation related consulting, root cause analysis, risk-based design review, inspection and/or condition assessment, trouble shooting, training, and research services.*

Mr. Aung Myo serves as a Manager at Oskefer Consulting and has extensive expertise in on-site metallurgical replication techniques.

Mr. Aung Myo has more than twenty- five (25) years of working experience in condition assessment, in-situ metallographic examination/replication, hardness testing, magnetic particle inspection, liquid dye penetrant testing, ultrasonic thickness measurement, infra- thermographic assessment, fibrescopic inspection, and positive material identification. He has been involved in many failure investigation cases in service sectors such as oil and gas, chemicals, petrochemical, pharmaceutical, marine and offshore industries.

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PROFESSIONAL EXPERIENCE

Feb 2026 – Present	OSKEFER Consulting	Manager
• Providing engineering services in in-situ metallographic examination/replication & hardness testing to evaluate the microstructural condition of metallic components directly onsite and conduct the integrity and life assessment. • As Manager, responsible for marketing, sales, customer support, quality, and business operations of OSKEFER Consulting in in-situ metallographic examination/replication.		
Nov 2000 - Feb 2026	Matcor Technology & Services Pte Ltd	Engineer
• Providing and supervising in condition assessment, in-situ metallographic examination/replication, hardness testing, magnetic particle inspection, liquid dye penetrant testing, ultrasonic thickness measurement, infra- thermographic assessment, fibrescopic inspection, and positive material identification. • Technical lead in site inspection and laboratory analysis testing to support material testing and failure investigation. • Approved Signatory by Singapore Accreditation Council (SAC) – Singapore Laboratory Accreditation Scheme (SINGLAS) for performing and issuing SAC-SINGLAS reports at Matcor.		

EDUCATION & TRAINING

- B. Sc., University of Yangon, 1996
- Diploma in Technology (Mechanical), Ngee Ann Polytechnic, 2012
- Operational training for equipment Ectane – IRIS module, Nov 2016
- In-House Training for Failure Analysis and Condition Assessment, Sep 2015
- Ultrasonic Testing Level II, 2006
- ARC-MET 8000 OES Alloy Analyzer Operation Training Course, 2005
- PMI Master Smart Alloy Analyzer Operation Training course
- In House Training for Metallurgical Assessment, 2000

SELECTED PROJECTS

S/N	Project	Year
1	In-Situ Metallurgical Assessment of HRSG-12, Sembcorp Cogen Power Plant	2019
2	In-Situ Metallurgical Assessment of Reactor Coils of Furnace 5201B, Singapore Refining Company	2019
3	In-Situ Metallurgical Assessment of CCRU Reactors R-3401 / R-3403 and Heat Exchanger E-3459, Petron Corporation, Philippines	2019
4	In-Situ Metallurgical Assessment of Cracked Weld Joints of Furnace G K-Pot, ExxonMobil Chemical Operations	2020
5	In-Situ Metallurgical Assessment of FNC Flue Gas Cooler 3E-103, Lotte Chemical Titan	2020
6	In-Situ Metallurgical Assessment of Brake Track of Francis Unit 4 Hydro Turbine, Nam Theun 2 Power Company, Laos	2020
7	In-Situ Metallurgical Assessment of Boiler UHSG02 (HRSG03), ExxonMobil Chemical Operations	2020
8	In-Situ Metallurgical Assessment of Boiler Steam Drum Weldment and Primary Superheater Outlet Tubes, Petrochemical Corporation of Singapore	2020
9	In-Situ Metallurgical Assessment of Unit 30 Hot Reheat Piping, YTL PowerSeraya	2020
10	In-Situ Metallurgical Assessment of Cracked Tee Piece of HP Steam Pipeline, ExxonMobil Chemical Operations	2020
11	In-Situ Metallurgical Assessment of Four Equipment During RCC Turnaround, Singapore Refining Company	2020
12	In-Situ Metallurgical Assessment of H-8301 Reactor Feed Heater, H-8302 Regenerator Gas Heater and H-1410 Second Stage Feed Heater, Lotte Chemical Titan	2020
13	In-Situ Metallurgical Assessment of D/G Economizer Exhaust Gas Inlet and Outlet Tube Plates of Vessel TAMPA TRIUMPH	2020
14	In-Situ Metallurgical Assessment of Weld Seam, Keppel Merlimau Cogen Power Plant	2020
15	In-Situ Metallurgical Assessment of Boiler, Main Steam Piping, HRSG Components, Reformer Heaters, and Reactor Systems for Major Refinery, Petrochemical and Power Generation Facilities in Singapore, Malaysia, Indonesia and the Philippines	2021–2025
16	In-Situ Metallurgical Assessment of Duplex Stainless Steel Piping for Sigma Phase Evaluation	2026