Order Award of

**300 MT Cladded Pressure Vessel**
Petroleum Development Oman
Yibal Khuff Project

**Successful Delivery of**

**260 MT Production Separator**
Petroleum Development Oman
Musallim 3rd Module

Timely Delivery of

**63 Nos Pressure Vessel**
ORPIC
Sohar Refinery Improvement Project

Export of

**36 M Length Desalter / Dehydrator Vessel**
BP Iraq
Quraynat Degassing Station

Order Award of

**35 Nos API Storage Tanks**
Petroleum Development Oman
Yibal Khuff Project

2016 - A YEAR IN REVIEW
CULTIVATING ENTERPRISE EXCELLENCE

AIM’S URGE TOWARDS PROCESS IMPROVEMENT

AIM has recently adapted to process improvement / enterprise excellence initiatives within its organization in order to elevate its standards and working environment to International level thereby attaining organization goals.

Planting leadership engagement into Lean Six Sigma initiatives in the Organization.

WEEKLY MEETINGS TO BRAINSTORM IMPROVEMENT IDEAS AMONG EMPLOYEES

WORKFORCE PARTICIPATION AT SOHAR & RUSAYL SHOPS

OUTCOME: The jobs can be done cheaper, quicker, easier and—most importantly—safer.

BENEFITS OF PROCESS IMPROVEMENT
GEMBA WALK

AIM as part of its process improvement initiative, adopted "GEMBA WALK" across its shop floors in Rusayl & Sohar (Sultanate of Oman).

GEMBA walk, is an activity that takes management to the front lines to look for waste and opportunities to practice shop floor improvements. It is an opportunity for staff to stand back from their day-to-day tasks to walk the floor of their workplace to identify wasteful activities. The objective of GEMBA Walk is to understand the value stream and its problems rather than review results.

GEMBA Sheets:
Observations & Actions at AIM Shop Floors

GEMBA Walk at Rusayl Shop Floor

Improved Housekeeping at AIM Rusayl Factory
AIM join hands with Petroleum Development Oman (PDO) in training its national employees.

As a strong and proactive vendor of PDO, Arabian Industries Manufacturing LLC offered training programs in developing competence of Omani Graduate Engineers. The training program was modeled in a way to increase the overall knowledge of the Omani Engineers with respect to the different aspects in the Metal Fabrication Industry. Primary areas that were focused on were Design & developing engineering drawing, Manufacturing / Fabrication, Inspection/testing.

Four nos of Omani Graduate Engineers were sent by PDO and training services were provided to them for five weeks. Within this time, there were regular shop visits conducted both in AIM Rusayl and Sohar facilities. This helped the Engineers to gain practical knowledge with respect to the different materials in addition to theoretical knowledge which were imparted to them during the lectures. In addition training in welding activities were imparted to the Engineers at Sohar facility.

The Engineers were finally assessed for competency in the trained area and the results were found satisfactory.

PDO appreciated team AIM for its efforts and enquired to arrange such training programs every year.
PARTNERING WITH KUWAIT NATIONAL PETROLEUM COMPANY (KNPC)

AIM received its successful supplier registration approval with leading state owned oil refining company in Kuwait — KNPC for supply of Pressure Vessels, Fin Fan Coolers / Air Cooled Heat Exchangers, Shell & Tube Heat Exchangers & other critical structural fabrications for KNPC refineries.

AIM’s facility at Sohar (Sultanate of Oman) has undergone a rigorous qualification audit and further appreciated by the audit team on the best industrial practices & international standards followed in the entire chain of manufacturing process.

This compliments to the approval received from the Kuwait Oil Company (KOC) in 2014 as an approved manufacturer of Process Equipment / Packages.
AIM recently delivered 20 Nos HP / LP Cladded Pressure Vessels for Rabab Harweel Integrated Project (RHIP) of Petroleum Development Oman.

AIM scope involves engineering, fabrication and supply of pressure vessels (cladded & non-cladded) of various sizes and thickness up to 70 mm.

AIM holds a significant position in contributing to the development of RHIP project in Sultanate of Oman.
AIM successfully delivered Remote Gathering Manifold Skids (RGMS) for Rabab Harweel Integrated Project (RHIP) of Petroleum Development Oman.

AIM scope involves engineering, fabrication and supply of 5 Nos Manifold Skids of sizes up to 37 M Length x 6.5 M Width.

The complete fabrication and internal cladding of piping (CS + Inconel 625 & Solid Inconel 825) are done in-house through AIM’s world class integrated clad shop & auto pipe spool fabrication plant.
AIM offers custom engineered pipeline products “Pig Launchers / Receivers” for energy sector with complete pig handling and safety devices for reliable operation.

AIM recently delivered 24 Nos Pig Launchers / Receivers (standalone and skid mounted mobile type) for Rabab Harweel Integrated Project (RHIP) of Petroleum Development Oman.

Currently manufacturing similar type equipment for Oman Gas Company (Sultanate of Oman) & Tatweer Petroleum (Bahrain) through Petrofac.
AIM currently executes an order for engineering, pre-fabrication, trial assembly of roof structure and supply of 35 Nos API Storage Tanks (cone roof) for Yibal Khuff Project (YKP) of PDO through Petrofac.

AIM’s Manufacturing facility at Sohar & Rusayl is fully equipped to handle fabrication, testing & assembly of all types of shop & site fabricated storage tanks for energy sector.

AIM recently supplied Storage Tanks for BP’s CPF Khazzan Gas Project & Amal Phase 1-C Project of PDO.

Image on the left side showing trial assembly of roof structure (dome roof) at AIM Rusayl facility.
Team AIM was rewarded for continuous support to Petrofac for their various prestigious projects globally emphasizing on Safety and the theme was ‘Horizon Zero’, which stressed on adapting a work culture wherein there are zero safety incidents, within Petrofac and with their allied contractors.
**IMPROVEMENTS AT WORKPLACE**

AIM Engineers at Sohar have developed a highly productive initiative of introducing “Drum Pack” at their auto clad shop for their day to day cladding operations (Horizontal & Vertical Cladding Machines).

The drum pack can hold up to 250 to 350 kg of filler wire (as a single spool) with following operational benefits:-

- Increase in productivity (as there is no spool change required, as well as minimum torch setting time).
- Non-stop welding (no start-stop) eliminates risk of repairs.
- Reduction in filler metal wastage.

**AIM PARTICIPATION IN BLOOD DONATION DRIVE**

AIM employees volunteered for blood donation camp conducted by Labor Union for Industrial Sector at LIWA (Sultanate of Oman).
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Suggestions / Improvements:

Any suggestion / improvement regarding this newsletter may be communicated to amjad@arabian-industries.net