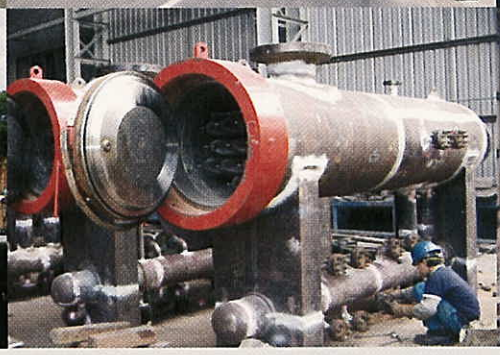
TRANSALINDO
CERTIFIED ASME U & U2

DESIGN AND FABRICATION OF PRESSURE VESSEL & PROCESS EQUIPMENT PACKAGE



PT. TRANSALINDO EKA PERSADA

Head Office :
JL. KERAPU Kav. No 1
Batu Ampar, BATAM
INDONESIA

Tel. +62-778-412349
Fax. +62-778-412359
E-Mail : transal@indosat.net.id
Website : www.transalindo.com

Company Profile

AN INTRODUCTION

PT. Transalindo Eka Persada. An ASME certified company have entered into an exclusive technical co-operation arrangement to tap the business potential in the Oil & gas processing and power sectors in the Indonesia Sub - continent.

Resident Contractor to support In-house activities which stationed in the shop:

- NDT
- Blasting and Painting
- Insulation
- Machine Shop
- Transport & Shipping

PROCESS EQUIPMENTS PACKAGES & SYSTEMS

2/3 PHASE SEPARATOR SYSTEM / SKIDS

- Primary equipment for separations of Liquid & Gas (2 phase) or Oil, Water & Gas (3 phase) from Oil Well Stream.
- Designed & Manufactured as per API 12 J.
- Internals inlet impingement baffles, wave baffles, flow straightening baffles, weirs, mist eliminators & vortex breakers provided for effective separation.
- Equipment adequately designed to allow sufficient retention period.
- Controls & Instrumentation provided to accurately measure the Gas, Oil & Water flows, regulate the pressure & monitor the levels of oil, water in the separator.
- Automated liquid (oil& water) remove system provided.
- Large size / pressure range
- Compact, skid mounted system can also be provided

INDIRECT WATER BATH HEATER

- Gas Fired Indirect Water Bath Heaters Designed in Full compliance to API specifications.
- Natural Draft Burners, Directly Mounted on Fire Tube. Forced Draft Burners also provided as per requirement.
- Precise Temperature control of water bath.
- Removable single or double Fire Tube design.
- Heating coil also removable.
- Burners system complete with pilot, Main Burner, Gas Trains, Spark ignitor with Transformer Provided.
- Flame Arrestors at Burners and stack top provided.
- Large Heating capacity up to 5 million K.Cal/Hr.
- Insulation can be provided as per option.

KNOCKOUT DRUMS / SCRUBBERS

- Used for solid/ liquid separation from gas stream.
- Remove solid & liquid particles greater then 10 micron with 100% efficiency.
- VANE / MESH / Multi-cyclone design.
- Prevents re-entertainment of separated particles.
- Low Pressure drops
- Large collection volumes.
- Provision for automated liquid level monitoring & liquid removal.
- Large size range.

GAS CONDITIONING, REGULATING & METERING SYSTEMS

- Ensure supply of dry & dust free gas.
- Generally it comprises of a 1x100% filter Separators together with indirect water Bath Heaters (as per service requirement) complete with inter connecting piping valves, Instrumentation, electrical and PLC based control panels for unattended & smooth operation, separation & removal of liquid from the gas stream.
- Compact, well engineered skid mounted layout to facilitate easy access to all valves, instruments, filter elements.
  Condensate tanks & vent stack also provided.
- Stainless steel piping used downstream of filter separators to ensure the gas is free from pipeline rust etc.

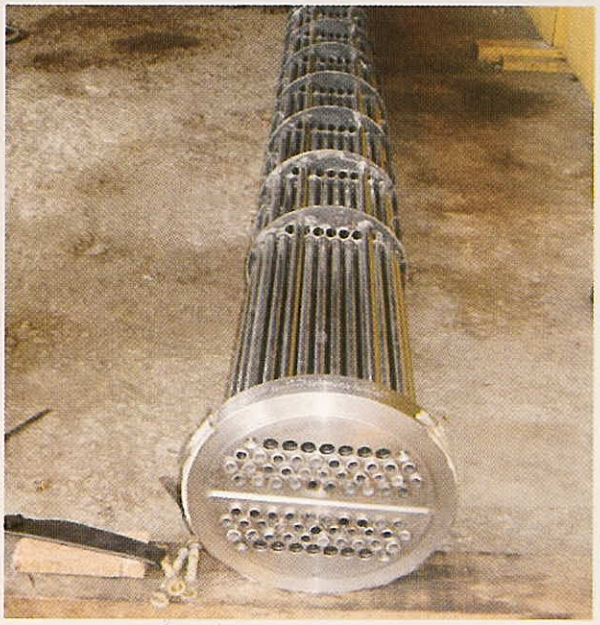
As per clients requirements Pressure, regulating & Metering systems are provided, as a part of the gas Conditioning system or separately.
The Key features are :

- Compact, skid mounted or in cabinet gas metering stations.
- Reliable & proven equipments like pressure regulators, slam shut valves, flow meters & flow totalizers used.
- High accuracy in pressure regulation as well as flow measurement

HEAT EXCHANGER

Heat Exchanger for demanding tasks consist of :

- Gasketed plate heat exchangers
- Ultramax all-welded plate heat exchanger
- Maxchanger all-welded plate heat exchanger



FILTERS SEPARATORS / DRY GAS FILTERS

- For remove or liquid / solid particles down to 1 micron with 99.9% efficiency.
- Horizontal/ vertical designs.
- High performance, proven make, coalescing type glass fiber elements used in primary section.
- Secondary section provided with efficient impingement separators to remove coalesced liquid.
- In horizontal filter separators, separate down comers from primary & secondary sections pass liquid to sump to prevent re-entrainment.
- Large liquid collections volumes.
- Equipment provided with Quick Opening Closures for quick access to filter elements.

PIPELINE EQUIPMENTS

PIG LAUNCHING / RECEIVING TRAPS

- Traps Provided with Quick Opening Closures.
- Pressure warning device Quick Opening Closures Provided.
- Traps Capable of handling specified type / No. Of Pigs.
- Traps also provided with suitable slope for complete drainage & ease in launching Pigs.
- M.O.C. Carbon steel or stainless steel are required.
- Scrapper Traps conforming to NACE specifications also manufactured.

ASSOCIATED PIPELINES EQUIPMENTS

- Quick Opening Closures
- Flow Tees / Barred Tees.
- Anti-Spark pig receiving Trays.
- Pig Handling structures with Jib Crane, etc.
- Pig Signalars.
- Automation for BI / Multi product transfer.

Certificates

ASME U Certificate

ASME U2

The National Board Certificate

Migas License

OHSAS Policy

PT. Transalindo Eka Persada is commit to provide a healthy and safe workplace for all its employees.

The company will address Occupation Health and Safety on an Equal priority to Quality, Production, and Cost.

The Company will constantly strive to eliminate hazards, which could result in personal illness, injuries, property damage, fires, explosions, loss of process and environmental degradation.

Accidental loss can be controlled through the efforts of management in combination with active employee involvement.

The following responsibilities are essential to the success of this policy.

Management is responsible to :

- Integrate Occupational Health and Safety into all aspects of the workplace thought the Continuous Improvement Process.
- Promote communication about Occupational Health and Safety as normal component of all aspects of work.
- Plan, develop Implement and monitor the Occupational Health and Safety Program.
- Take effective action to provide and maintain a health and safe workplace.

Employees are responsible to :

- Work in health and safe manner and encourage other to do the same.
- Discourage other from working in unsafe manner.
- Co-operate with, support and promote Occupational Health and Safety in the workplace.
- Report or rectify any substandard practices or conditions that come to their attention.
- Perform their jobs properly in accordance with established procedures.

I trust that all of you will join me in personal commitment to Continuous Improvement Process

Batam, November 2001

Ir. V. Dwijatmoko
Executive Director

Partners In Success

- Advanced Marine
- Alderley Process System
- British Petroleum
- Brunei Shell Petroleum
- Burgess Manning
- Caltex Pacific Indonesia
- Chevron
- Chinesse Petroleum Corporation
- Chiyoda International Indonesia
- Conoco Phillips
- Conoco Syria
- Control System
- CNOOC
- Emerson Process Systems
- ESSO
- Fajarmas Murni
- Gas Service International (S) PTE. LTD.
- GULF Resources
- IKPT
- Korean Development Company LTD.
- Malaysian Shipyard Engineering
- J. RAY McDERMOTT
- Mobil Oil Indonesia
- NISCONI
- PALL Filtration
- Peerles Mfg.
- Premier Oil
- Petronas Caligali-Sarawak
- Petronas Penapisan (Melaka) SDN. BHD.
- Petrosea
- Petrotec Air Power
- PT. Istana Karang Laut
- PT. Multi Tarex Mulia
- SARKU Engineering Services SDN. BHD.
- SHELL
- Star Energy
- SYMPAC Engineering PTE. LTD.
- THIESS Contractor
- Total Finaelf
- PT. Tripatra Engineers & Constructors
- UNOCAL THAILAND
- Veolia Water Solution & Technologies (SEA) PTE. LTD.
- VICO
- WSC Technologies PTE. LTD.