Selected References MEG Recovery

Shell Todd, New Zealand

Customer/End User: Shell
Solution: First modern MEG regeneration unit in the world with total capacity of 1 m^3/h, and salt production rate of approximately 25 kg/h.
Delivered: 1992

Åsgard B, Norway

Customer/End User: Equinor
Solution: EPC of 670 tonnes module. The plant has a design capacity of 3 x 12 Sm^3/h (3X50% trains) with rich MEG concentration of 90-95% achieved.
Delivered: 2000

Ormen Lange, Norway

Customer/End User: Norsk Hydro/Shell
Solution: Ormen Lange was the first unit in the world operating with the Slip Stream concept. The slip stream reclaimer is 3% of the Lean MEG capacity with maximum lean MEG salt content of 20 g/l.
Delivered: 2005

Britannia Satellites, UK

Customer/End User: CP/Harbour Energy
Solution: MEG Regeneration and Reclamation unit designed as a Full Stream concept, and consisting of a single reclamation and re-generation train, pre-treatment, rich and lean MEG storage tanks, and lean MEG injection.
Delivered: 2005/2006

Selected References MEG Recovery

Shah Deniz, Azerbaijan

Customer/End User: BP
Solution: MEG Regeneration and Reclamation unit designed as a Full Stream concept.

Delivered: 2006

Reliance KG-D6, India

Customer/End User: Reliance
Solution: MEG Regeneration and Reclamation Plant. The MEG unit was designed as a Full Stream system, consisting of pre-treatment, rich MEG storage tanks, 3 parallel reclamation and re-concentration trains, and a salt handling facility.
Delivered: 2009

Pluto LNG, Australia

Customer/End User: Woodside
Solution: Slip Stream reclamation unit. Consists of advanced Pre-treatment, storage tanks, 2 parallel trains of atmospheric MEG regeneration/distillation, one vacuum reclaimer, and salt handling and drying facilities.
Delivered: 2009, start-up 2012

Kollsnes, Norway

Customer/End User: Equinor
Solution: Supply of system design, layout design, and key equipment for a new MEG Regeneration plant to replace an existing facility. Involved with additional train during 2019-2020 with Wood and Equinor.
Delivered: 2010

Selected References MEG Recovery

FPSO Cidade de Santos, Brazil

Customer/End User: Modec/Petrobras
Solution: The MEG unit is a low-cost Full Stream package, built on a single module. The design consists of pre-treatment, one combined reclamation and re-concentration train, and salt separation by centrifuges.
Delivered: 2011

Gorgon/Jansz, Australia

Customer/End User: Chevron
Solution: Two land-based units treating the rich MEG from the Gorgon and the Jansz fields. Each system is designed with a Slip Stream concept.

Delivered: 2013, start-up 2015/2016

Bergading, Malaysia

Customer/End User: HHI/Hess
Solution: Offshore MEG Regeneration system for reconcentration by atmospheric distillation of MEG recovered from Low Temperature Separator, single train.

Delivered: 2016

Ichthys LNG, Australia

Customer/End User: Technip/INPEX
Solution: MEG system designed as a Slip Stream concept and consisting of one advanced pre-treatment train, two parallel trains of atmospheric MEG regeneration/distillation, one vacuum Reclamation train, and solid handling facilities.
Delivered: 2018

Selected References MEG Recovery

West Nile Delta, Egypt

Customer/End User: Bechtel/BP
Solution: MEG Recovery system designed as a slip stream concept and consists of one train including advanced pre-treatment, atmospheric MEG regeneration/ distillation, vacuum Reclamation and solids handling facilities.

Delivered: 2019

Barzan, Qatar

Customer/End User: RasGas/Qatar Gas
Solution: MEG system designed as a Slip Stream concept and consisting of advanced pre-treatment, 2 parallel trains of atmospheric MEG regeneration/distillation, 2 parallel vacuum reclaimers, and solid handling and drying facilities. Photo from construction site.
Delivered: 2019

Fadhili, Saudi Arabia

Customer/End User: TR/Saudi Aramco
Solution: Supply of MEG recovery equipment (6 packages) to the Fadhili Gas Project.

Delivered: 2019

Prelude FLNG, Australia

Customer/End User: TSC/Shell
Solution: The MEG unit is a Full Stream package, built on a single module. The design consists of pre-treatment, one combined reclamation and re-concentration train, and solid separation by centrifuges.
Delivered: 2019

Selected References MEG Recovery

FLNG2, Malaysia

Customer/End User: JGC/Petronas
Solution: The MEG unit is a Full Stream package, built on a single module. The design consists of pre-treatment, one combined reclamation and re-concentration train, and solid separation by centrifuges.
Delivered: 2020

Lingshui, China

Customer/End User: CNOOC
Solution: Full stream MEG Regeneration and Reclamation module. The design consists of a common produced water and solids handling system for both trains.

Delivered: 2020

ONGC KG DWN 98/2, India

Customer/End User: TATA Projects/ONGC
Solution: MEG reclamation system engineering and delivery of separate skids. The photo shows the flash separators.

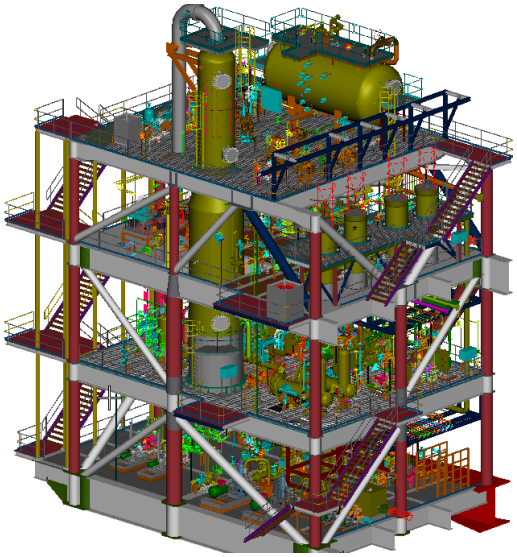
Delivered: 2021

Tortue, Mauretania/Senegal

Customer/End User: TechnipFMC/BP
Solution: Robust conventional MEG Regeneration system delivered to Tortue FPSO, a new build facility, located in Mauritania adjacent to the Senegal maritime border approximately 40 km off the West coast of Africa.
Delivered: 2021

Selected References MEG Recovery

Scarborough, Australia



Customer/End User: McDermott/Woodside
Solution: Full stream MEG Reclamation and Regeneration Unit (MRU). The design consists of pre-treatment, one combined reclamation and re-concentration unit, and solids handling.
Delivered: 2023