

# **SMART INDUSTRIES**

**ENGINEERING-MANUFACTURING** 





#### **ABOUT US**

#### WHO WE ARE,

Smart Industries is a technical engineering consultancy and manufacturing company specialized in providing engineering solutions in LNG and CRYOGENICS projects including CO2 with proven and reputable experience in the industry from Oil & Gas, Maritime, Offshore.

We are a high skilled team of engineers and business international projects, technical challenges and using Engineering to help our clients deliver high performance products that are safe, reliable and cost-effective.

#### **Our Values**

- To be able to approach each new project with the excitement of a young engineer and the experience of a master engineer
- Working with the right people and being a nice team
- To know that learning never ends
- Transfer information without hesitation
- To be the first and pioneer, encourage other
- Focus on technology





### **QUALITY POLICY**

#### **Total Quality Management**

With the active participation of its employees, it is aimed to meet the requirements of ISO 9001 Quality Management System, to ensure effectiveness of the system, to cooperate with the peer institutions in the world, to be a preferred industrial enterprise by the customer continuously, to produce innovative, creative and continuously developing solutions, develop, produce and present services and products aimed at customer satisfaction.

Smart Industries proudly offers its products to different corners of the world, in compliance with leading international pressure equipment standards with the CE markings, the European Pressure Equipment Directive (PED), ASME VIII, Div. 1 & 2 AS 1210, CSA B662, IMO Type C and API as well as many other standards.









#### COMPANY STRUCTURE AND SUBCONTRACTORS

#### Structure & Partners,

Smart Industries has %50 share holder "Anadolu Cryogenics Manufacturing company". In ACM (Anadolu Cryogenic Manufacturing) our facility can manufacture up to 100 m3 tanks.

Additionally, the Smart Industries and ACM new plant (in ISTANBUL) will be operational in January 2023, enabling us to produce up to 500 m3 tanks.

Each employee at ACM has a minimum of 20 years of experience in cryogenic manufacturing, demonstrating the company's significant expertise in the field.

SI uses the facilities listed below from subcontractors when necessary; (Smart Inc. is providing subcontractor companies engineering, supervision and workmanship (if needed) support)

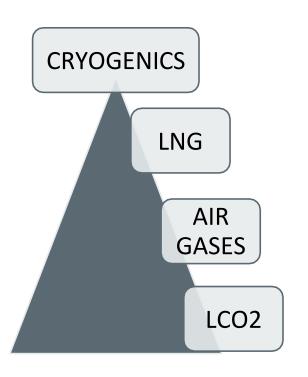
#### **Other Subcontractors**

- AKÇELİK BORU / +200 m3 Capacity Cryogenic Tanks,LPG tanks
- SEYIT USTA / Trailer-ISO Container Chassis Manufacturing
- ARMADA SOFTWARE / PLC systems, Electrical works
- UZMAN MAKINA / Pipe Bending, Machining
- GUNAK CONSTRUCTION / ASME, Shell & Tube heat exchangers +200 m3 Capacity Cryogenic Tanks
- ALVE CONSTRUCTION / Storage Vessels , LPG tanks , Boilers





#### CRYOGENIC DIVISION (-200 C° to +200 C°)



- State Art Design for Re-gasification (Satallite) Stations for LNG-LIN-LOX-LAR
- LNG MARINE & LAND Based Fueling Systems
- Gas Fired- Electrical Water Bath Vaporizer Systems
- Ambient Vaporizers Up to 12 Meters Height
- Plate & Shell Heat Exchanger
- Atex Zone Trim Heaters
- Cylinder Filling for LIN-LOX-LAR
- Cylinder Filling for LCO2
- Semi-trailers
- Cryogenic & CO2 Storage Vessels Up to 60 m3
- And Many More!!!! Please Ask Leaflet For Each Specific Product!!!!





### CRYOGENIC INSULATED PIPES (-200 C° to +200 C°)









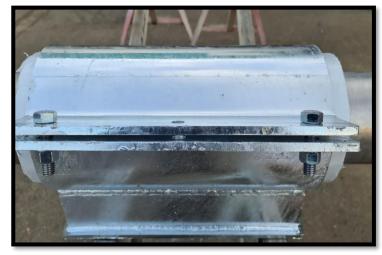


### **CRYOGENIC INTERCONNECTING PIPES AND PIPES SUPPORTS**









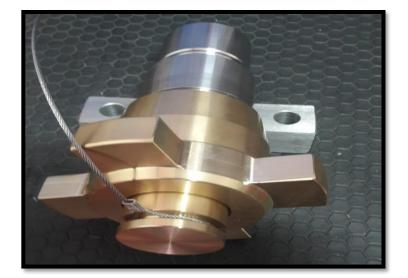


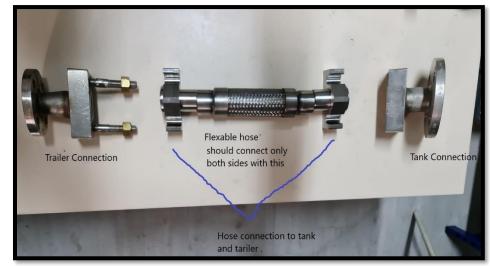


## CRYOGENIC FELEXABLE HOSES AND FITTINGS/COUPLINGS (LIN LOX LAR LNG)













## CRYOGENIC DIVISION (-200 C° to +200 C°)

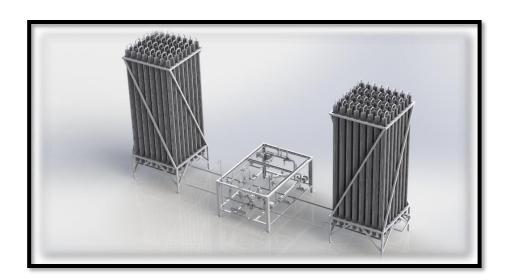








# **LNG REGASIFICATION PLANTS (Completed Projects)**



1200 Nm3/hr LNG Re-gasification



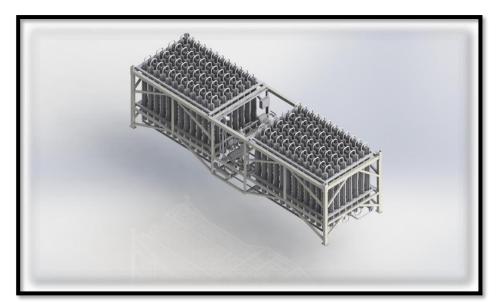






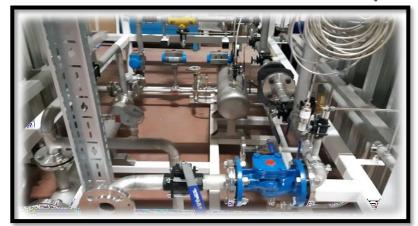


### **LNG REGASIFICATION SKID PLANTS**





750 Nm3/hr LNG Re-gasification









### **LNG REGASIFICATION SKID PLANTS**



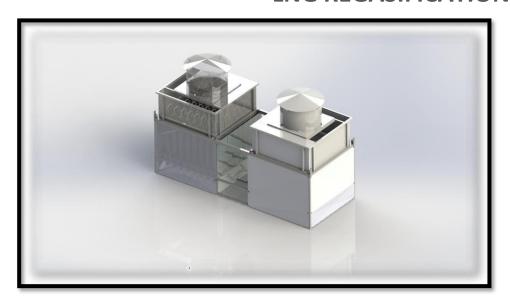


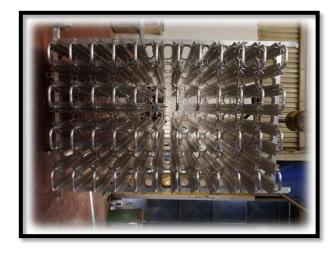
1000 Nm3/hr HOT WATER LNG Re-gasification



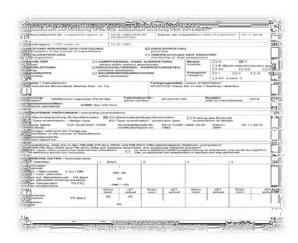


### LNG REGASIFICATION FORCED DRAFT





750 Nm3/hr LNG Re-gasification











### LNG REGASIFICATION ELECTRICAL WATER BOILER



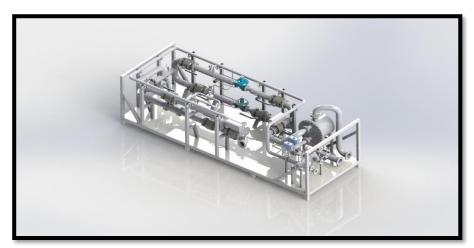








# LNG 60 MW Regasification skid with Hot water Boiler











# LNG LIN LOX LAR LCO2 Cryogenic Storage Tanks











# LNG TRAILER/ISO CONTAINER MANUFACTURING









# LNG B-TRAILER MANUFACTURING

LNG SUPER INSULATION B TRAIN.

ONE OF THE FIRST IN EU EU LNG SMART TRAIN.

IT DECREASES THE LOGISTIC TIME NEEDED FOR THE MARIN VESSEL BUNKERING.

EQUIPPED WITH ON BOARD FULL CONTROL 40 °C EXTREAM PLC SYSTEM.

EQUIPPED WITH 1000LT/MIN CRYOGENIC PUMP.

EQUIPPED WITH FLOW METER MID APPROVED Etc...







# **CONTACT INFORMATION**

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