PetroMaterials Corporation Wakayama Works
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PMC Wakayama Works Profile

* With the investment of US$45 million, PMC Wakayama Works is designed to process/manufacture Casing, Tubing, Drill Collars and Drill Pipe. It is the only one manufacturing plant in Japan which covers such variety of products.

* It is our pride to supply the products to the global markets, contributing to the development of Oil and Natural Gas Industry worldwide.

- Land Area 32,000㎡
- Plant & Fixtures Area 6,000㎡
- Employee 61
- Production Capacity:
  - # Pipe Body for Drill Pipe 2,500 M/ton per month
  - # Finished Drill Pipe 1,000 M/ton per month
  - # Threading 3,000 M/ton per month

- Principal Machines and Equipments
  + 6-5/8” Upsetting Machine -- Mechanical Type manufactured by Sumitomo Heavy Industries
  + Heat Treatment Furnace -- manufactured by Ito Industries Co., Ltd.
  + Rotary-type Straighter Machine -- manufactured by Kawazoe Machinery Co., Ltd.
  + UT Tester -- manufactured by Sumikin Technologies Co., Ltd.
  + Press-type Straighter Machine -- manufactured by Kawasaki Engineering Co., Ltd.
  + Friction Welder – manufactured by Izumi Industries Co., Ltd.
  + 7” OCTG-Thread Line -- by Mori Seiki Co., Ltd.
  + 20 ØOCTG-Thread Line -- by Shenyang CNC Machine Tool Co., Ltd
Products Lineup

ˑ Casing & Tubing
- mainly representing SMI (Sumitomo Metal Industries Ltd.).
- carrying SMI’s Casing & Tubing in stock
- 18-5/8” & 20” procuring ERW plain end pipes from JFE Steel & NSC (Nippon Steel Corporation) and to cut threads at Wakayama Works to make Finished Casing

ˑ Drill Pipe
- production range from 2-3/8” through 6-5/8”
- Buying Green Tubes from SMI, NSC, Upsetting and Heat Treatment are conducted at Wakayama
- Friction Welding is also conducted at Wakayama as well as at PetroMaterials (Cangzhou) in China to meet with customer’s preference
- production of Tool Joint is now in progress, with the Raw Materials supplied by SMI.

ˑ Heavy Weight Drill Pipe
- both Integral-type and Welded-type are available
  - Integral-type: 4145HM
  - Welded-type: 4137 for Tool Joint, AISI 1340 for the central part

ˑ Drill Collars (Slick & Spiral)
- production range from 2-3/8” through 11”
- AISI 4145HM materials
- Non-Magnetic Drill Collars are also available
International Certificates granted

- API Q1
- ISO 9001
- API 5D
- API 5CT
- API SPEC 7