



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 : 32,000m²
- Plant & Fixtures Area : 6,000m²
- 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-Threading Line -- by Mori Seiki Co., Ltd.
 - + 20" OCTG-Threading Line -- by Shenyang CNC Machine Tool Co., Ltd

Wakayama Works



Drill Pipe Plant



Upset Line



Drill Pipe Friction Welding Line



OCTG Threading Plant

Products Lineup

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

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.

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

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