

# PEEKAY Group of Companies



- Peekay Group was established in the year 1942 by Haji P.K.Moidu, a legend of his own time for his uncommon vision.
- PEEKAY GROUP turnover is exceeding US\$ 120 Million. The group activities covers various sectors.
- The group has acquired many accreditations in its feather and one of the most respected Indian Family business house today.

# PEEKAY Group of Companies



## Value Added Engineering

- Peekay Steel Castings Pvt. Ltd, Calicut
- Peekay Steel Castings Pvt. Ltd, Coimbatore
- Janatha Steel Mills (P) Ltd., Calicut



## Rolling Mill

- Peekay Rolling Mills (P) Ltd., Calicut



## Food Industry

- Ahammed Roller Flour Mills (P) Ltd, Calicut
- Pondy Roller Flour Mills (P) Ltd., Mahe
- Peekay Roller Flour Mills, Calicut



## Trading

- Nellikkot Traders, Calicut
- P.K. Ahammed & Co., Calicut



## Real Estate Industry

- Peekay Estates, Thamarassery



## Health Care Industry

- Meitra Hospital



# Where and when it started



## Trading

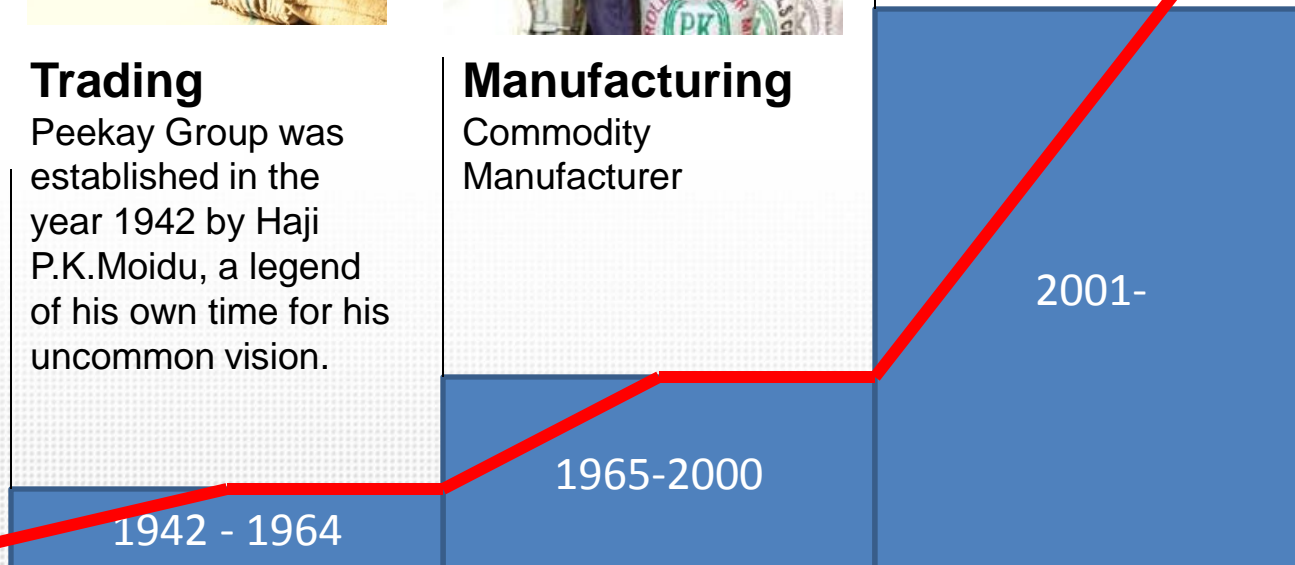
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## Manufacturing

Commodity Manufacturer

Value Added  
Manufacturing  
Engineering Products



1<sup>st</sup> Generation

2<sup>nd</sup> Generation

3<sup>rd</sup> Generation



## VISION

- To be an engineering conglomerate and lead Peekay to new horizons, expanding and diversifying to new industries and cutting edge technologies.
- A one stop supplier to all major OEM's globally in terms of ready-to-assemble machined casting, forging and fabrications requirements globally.

## MISSION

- Emerge as one of the top 5 casting manufacturers in the world. To serve the customers, with a wide range of requirements starting from 0.5 kg to 15 tons single piece casting from different plants in various locations.



# CERTIFICATIONS



ISO 9001-2008

**ClassNK**

NK JAPAN



ABS MARINE



PED



BUREAU  
VERITAS

BV MARINE



NORSOK QUALIFICATION  
FOR ASTM A890 GR. 4A,  
5A AND 6A



LLOYD'S  
REGISTER



DNV



IBR WELL KNOWN  
FOUNDRY



RINA

# CERTIFICATIONS



## Peekay gets OHSAS 18001

An international ring of protection for our beloved employees!



The foundries of Peekay Steel have been bestowed with **OHSAS 18001**, a world class Occupational Health and Safety Management System. It is a great boost to our already existing occupational health and safety measures. It shows Peekay's strong commitment to employee welfare and growth.



The company has the distinction of being the only foundry in India holding all major global certification and accolades under one umbrella.



# Certifications



- **ISO:** Management System as per **ISO 9001:2008**
- **ISO Management System** as per **ISO 14001:2004**
- Occupational Health & Safety Management System as per **OHSAS 18001:2007**
- **PED:** Quality Assurance System for Material Manufacturer acc. To PED 97/23/EC
- **AD 2000-** Merkblatt W0
- **IBR-** 4C (2) of IBR, 1950 as Well Known Foundry
- **LRA** - Manufacture, testing and certification of Materials
- **DNV-** Approval of Manufacturer Certificate DNV Rules for Classification Pt.2
- **BV Marine** – APPROVAL CERTIFICATE for Materials
- **TPG-**Transportation and Power Generation Accreditation Program by **PRI**
- **NORSOK** M-650 Edition.04 Qualification (MDS: D46, Gr.4A)
- **NORSOK** M-650 Edition.04 Qualification(MDS: D56, Gr.5A)
- **NORSOK** M-650 Edition.03 Qualification(MDS: D56, Gr.6A)
- Member of **Castings Technology International (CTI)**
- **NTPC:** Foundry approval by NTPC (National Thermal Power Corporation) Limited etc.

# Capacity



## Calicut

Current Capacity: 7200 Tons per annum with an avg. wt of 2 MT

9000 Tons per annum with an avg. wt of 2.5 MT

Product Range: 500 kg to 15000 kg per piece

## Coimbatore

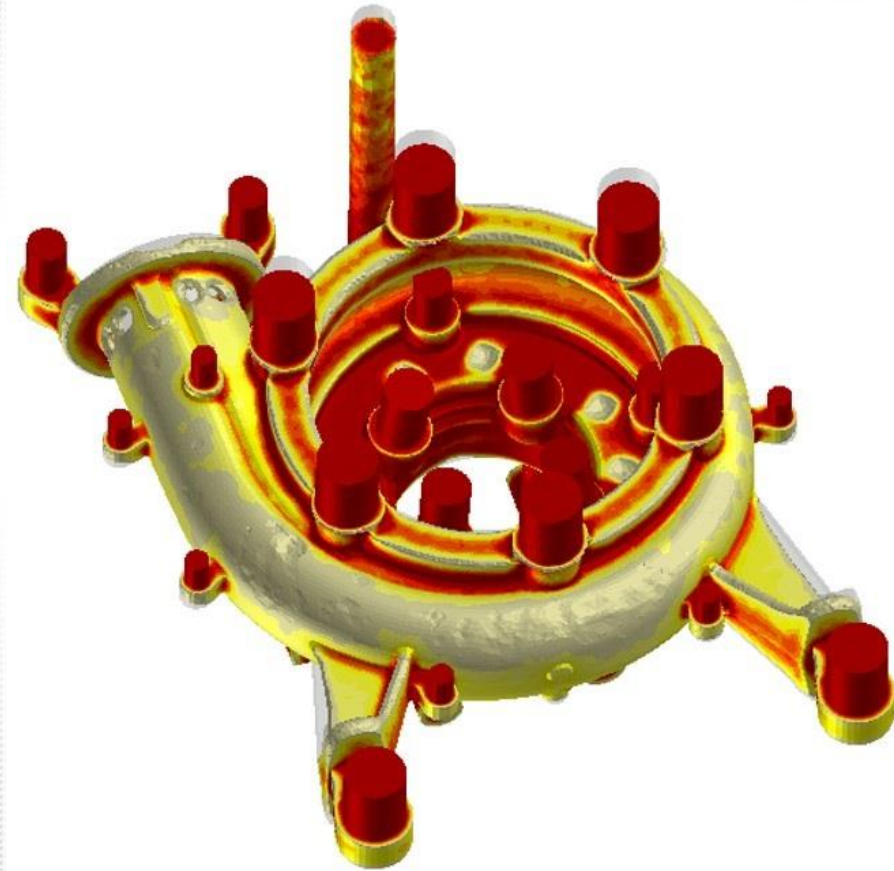
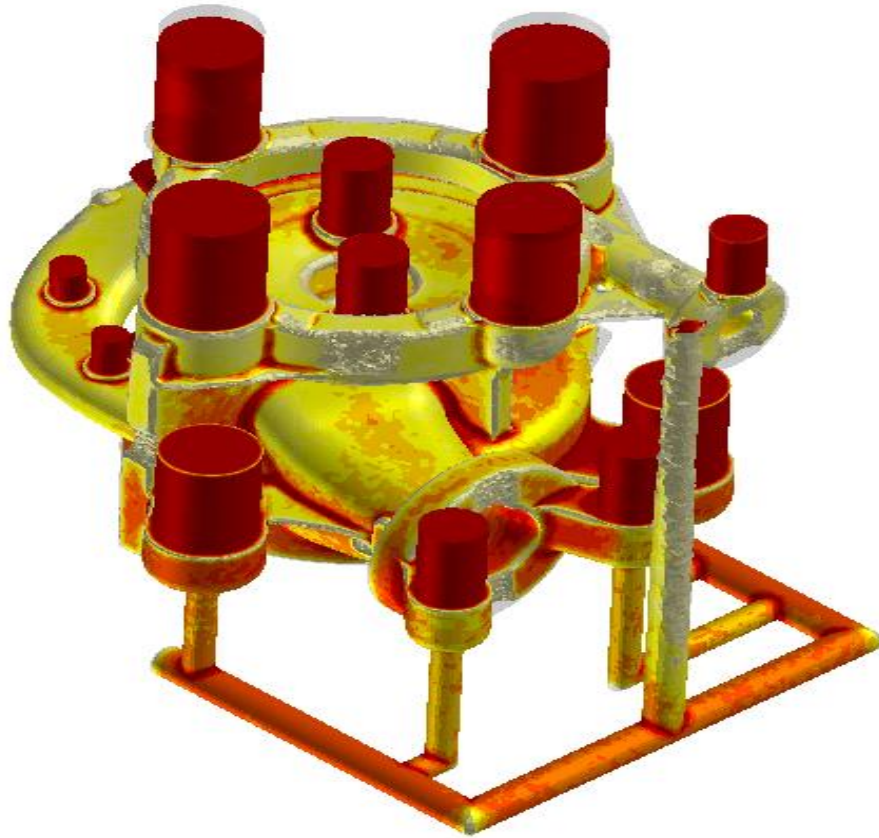
Current Capacity: 5400 Tons per annum

Product Range: 30 kg to 1000 kg per piece

Procured new 2MT ladle to execute 500 Kg – 1 MT single piece cast weights

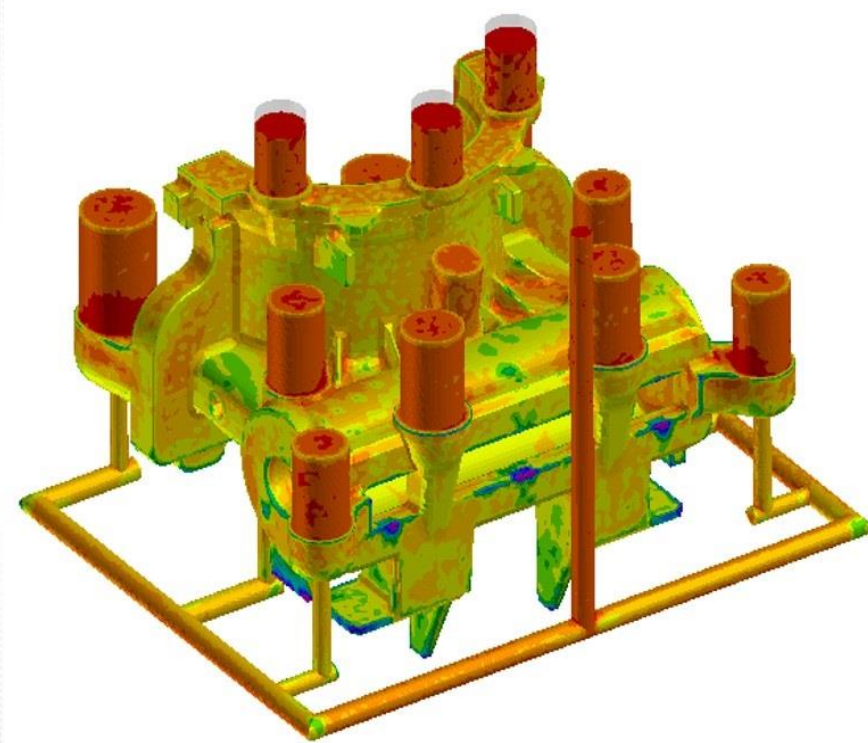
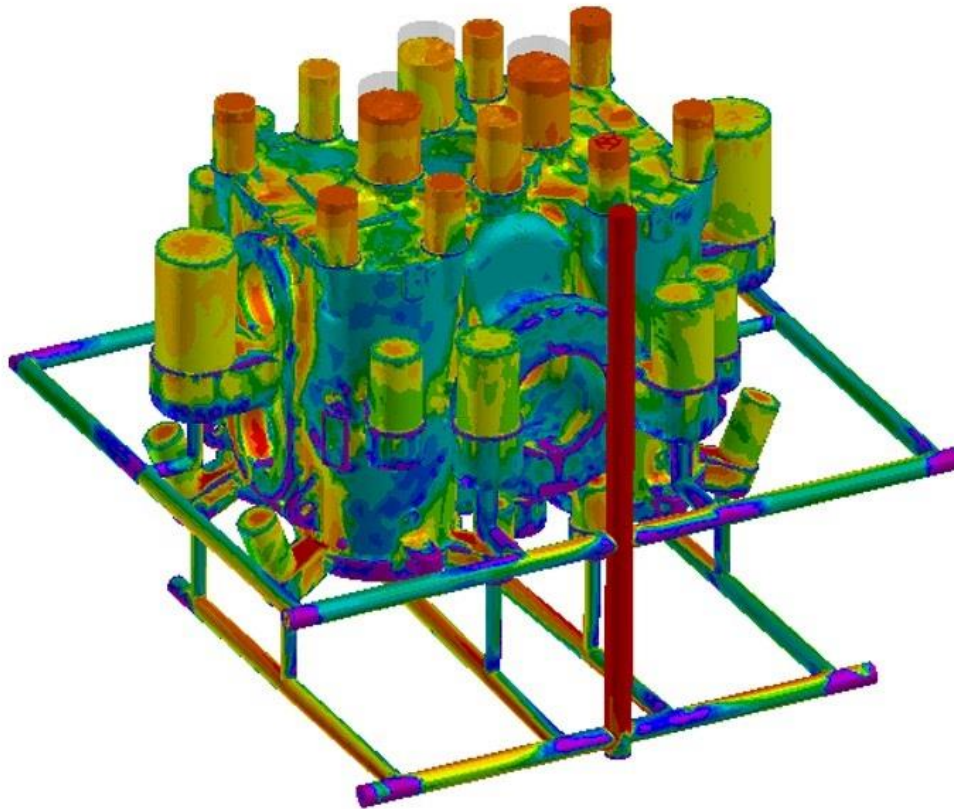


# Simulation Software Procast



Upgraded to latest editions of Flow Analysis & Thermal Solidification modules and added Stress Analysis Module

# Simulation Software Procast





# Secondary Refining through AOD Furnaces



Introduced AOD crucibles with capacity of 10 Ton, 15 Ton & 20 Ton in technical collaboration with M/s. Inteco Austria for metal refining and catering special exotic grades



# LECO & SPECTROMETER



**TCH600 -Leco Gas Analyzer**  
to test Oxygen, Nitrogen  
and Hydrogen contents in  
molten metal



**Iron, Nickel & Cobalt  
based ARL-3460  
Spectrometer (2013) to  
test 32 Elements**



# Heat Treatment



20 Ton (Gas Fired)

12 Ton (Gas Fired)

13 Ton (Oil Fired)

10 Ton (Gas Fired) \*

10 Ton (Oil Fired)

6 Ton (Oil Fired)

5 Ton (Oil Fired)

3 Ton (Electric)

1 Ton (Electric)

Water Quenching Facility of

180000L and 85000L

*Improved velocity of water ,  
by providing extra agitators, to  
improve mechanical properties.*

\* Can go up to 1300 Deg C to exclusively for exotic alloys

# In-house machine shop





# In house machine shop



**CNC - VERTICAL TURNING CENTER WITH LIVE SPINDLE AND ATC**

VTC-1 : HNK VTC16/20, SWING-2000mm, HEIGHT-1700mm, LOAD-10MT  
CONTROL: FANUC 31iA



**CNC - T TYPE HORIZONTAL BORING MACHINE WITH ATC**

HB2 : HNK HB 150, SPINDLE-150mm x 700mm STROKE, X-3000mm, Y- 2300mm, Z-1600mm, ROTARY TABLE-2200X2000mm, LOAD-20 MT, CONTROL: FANUC 31iA



**CNC - VERTICAL TURNING LATHE**

VTL-4 : WUHAN C5235E/1, SWING-3500mm, HEIGHT-2500mm, LOAD-15MT  
CONTROL: SEIMENS 802D



**CNC - T TYPE TWIN PALLET HORIZONTAL BORING MACHINE WITH ATC**

HB3 : HNK HB 130, SPINDLE-130mm x 700mm STROKE, X-3000mm, Y-2300mm, Z-1600mm, ROTARY TABLE-1800X1600mm, LOAD-15 MT, CONTROL: FANUC 31iA



# In house machine shop



CNC - VERTICAL TURNING LATHE WITH ATC  
VTL-5 : HNK NT 20/25, SWING-2500mm, HEIGHT-1800mm, LOAD-12MT  
CONTROL: FANUC 31iA



VERTICAL TURNING LATHE  
VTL-1 : TITAN SC 27, SWING-2630mm, HEIGHT-1900mm, DRO, PLC, LOAD-12MT



TREVISAN DS600 AT Coimbatore Facility  
TV-1 : SWING DIA OF CHUCK in mm: 1000 X 1000 Twin Pallet



FARO ARM FOR DIMENSIONAL INSPECTION



# Hydrotesting Facility



1000 Bar (14500 PSI) High pressure Hydro test pump with all supporting accessories

# Skill Centre, Quarters and Canteen





# Thermal Sand Reclamation



Thermal Sand Reclamation Plant from OMEGA, 3 Ton/hour



# Centralized pattern storage with multiple racking system





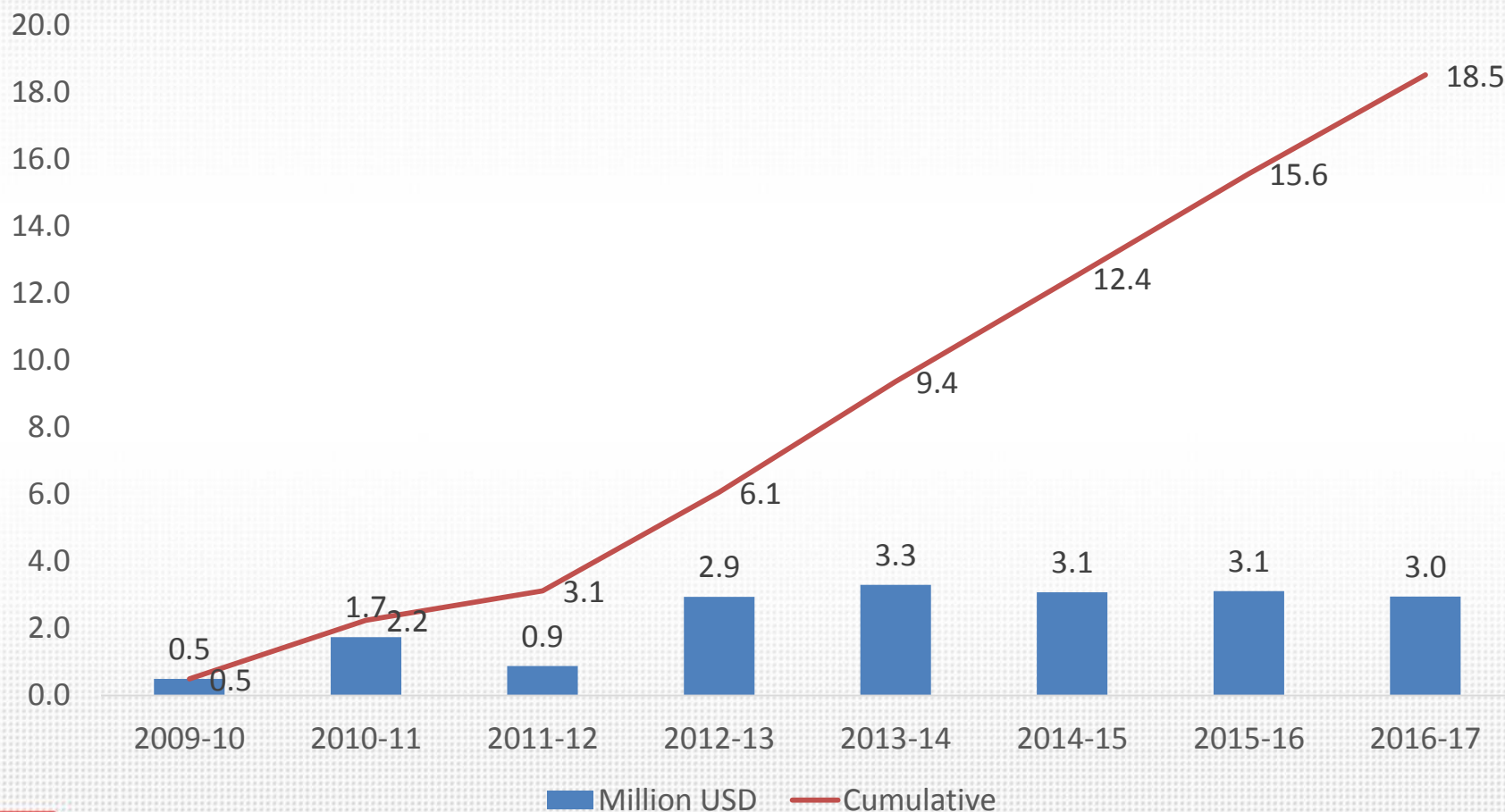
# Centralized Store



Centralized Stores with FIFO system & Lean Principles to improve continuous flow



# CAPEX Details



**More than 18 MN \$ over a period of 8 Years**



# Performance Management System



- Engaged the faculties of Indian Institute of Management Kozhikode (IIMK) to develop a Performance Management System
- Objective was to develop a structured Performance Management System which can help the organization in **attracting and retaining the talent** while still controlling and maintaining the **staffing cost** by focusing on core values – VOICE of Peekay

**V**ision

**O**wnership

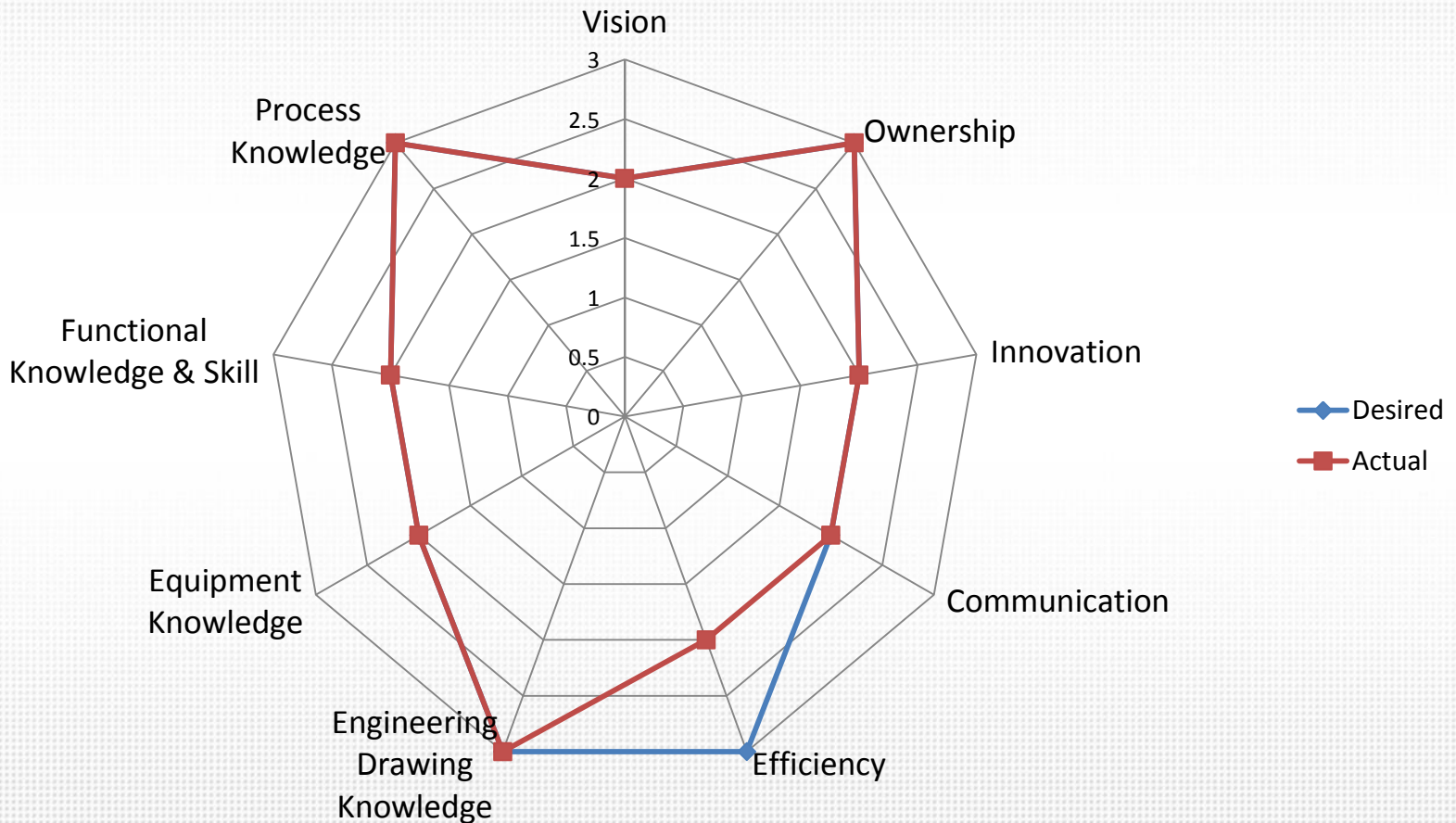
**I**nnovation

**C**ommunication

**E**fficiency.

# Competency Mapping

## Sample – Engineer Moulding





# Management Style



- To be cost & productivity competitive, Getting employees' ideas and getting their involvement is critical in our rapidly changing world.
- We firmly believe that our employees are our greatest resource.
- We not only focus on the employee's hand, but also the ideas from everyone in our organization. **Participative style of management (We focus on Management of support over management of Control)**
- Recognize and reward effort & initiative. **Employee suggestion Scheme**

*“Increasing your productivity is not necessarily about working harder  
— it's about working smarter”*

# Lean Management Principles

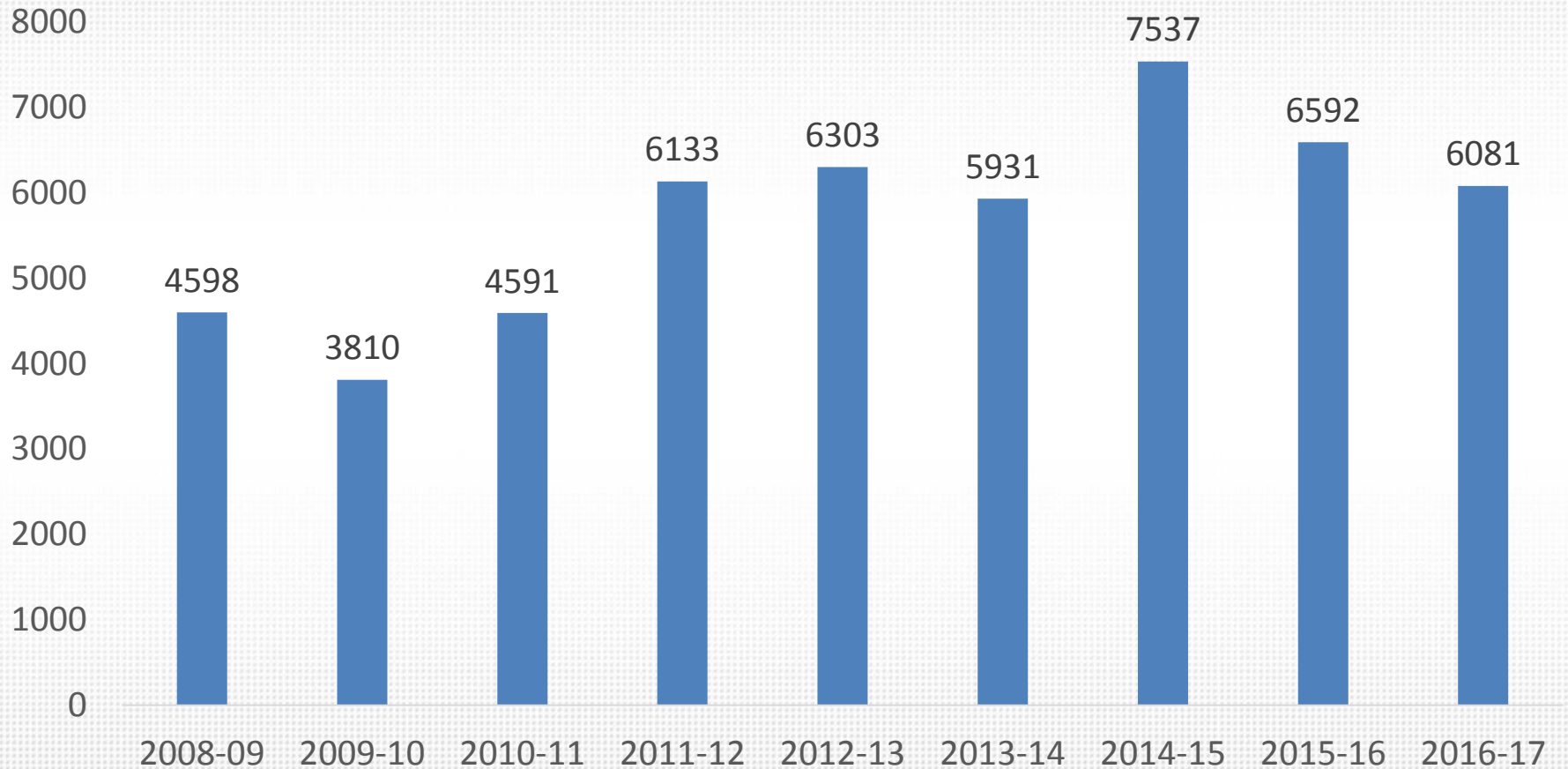


*“Successful marketers are those who can steer their organisations through the turbulent marketing environment, and do it better than competitors”*

- To get insurmountable competitive advantage over competitors and as a part of continuous improvement program, we have initiated lean management in 2014.
- As a part of this initiative we were able to
  - Reduce the cost by liberating the capacity (from 6000 MT to 9000 MT annually)
  - Reduce cycle time and improve OTD by better flow of materials



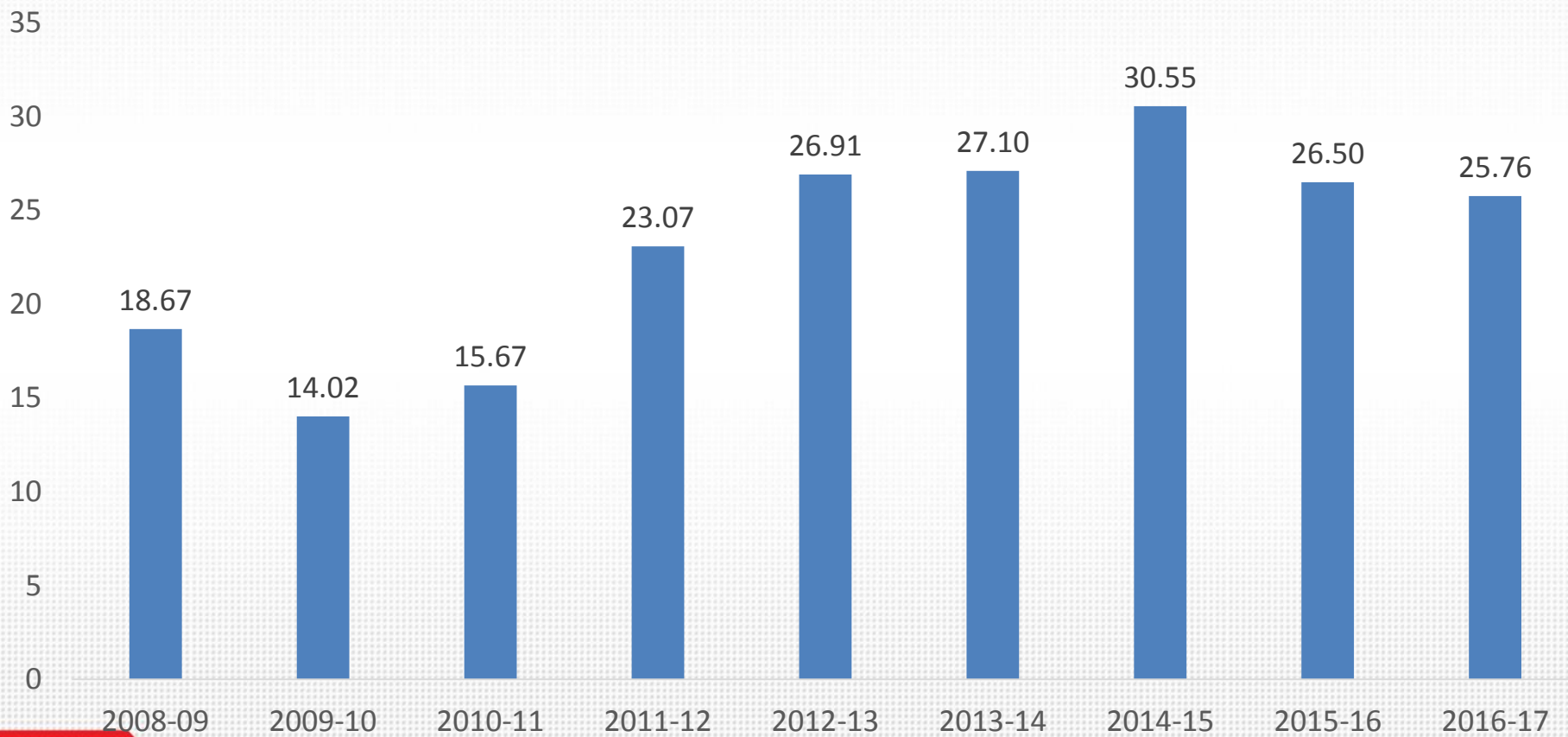
# Production (MT)–PK Calicut



# Annual Sales – PK Calicut

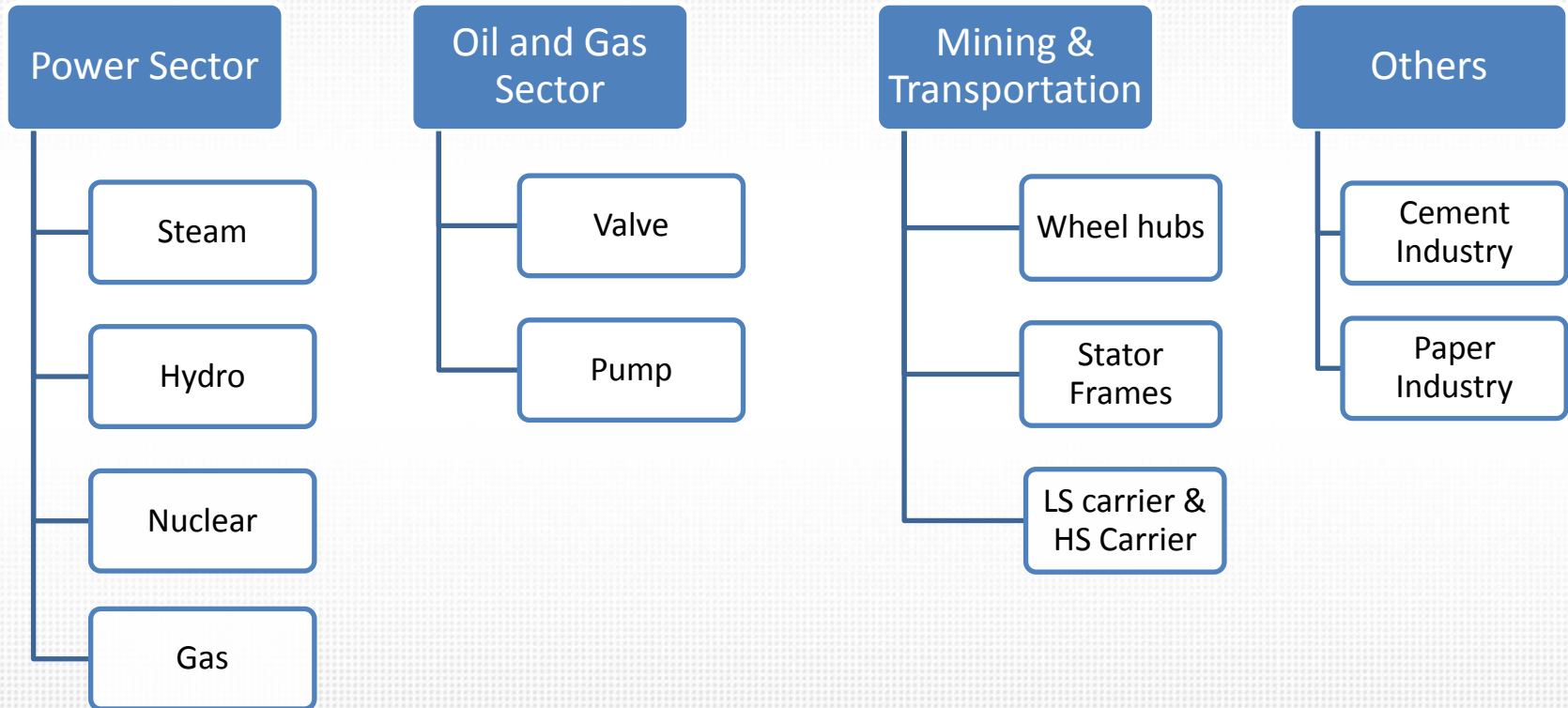


■ Million USD





# Sector wise Product diversification



# Steam Turbines



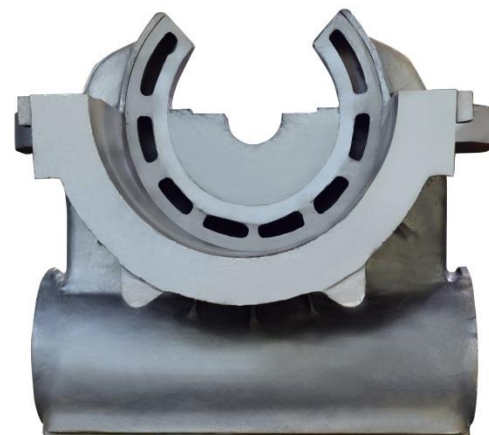
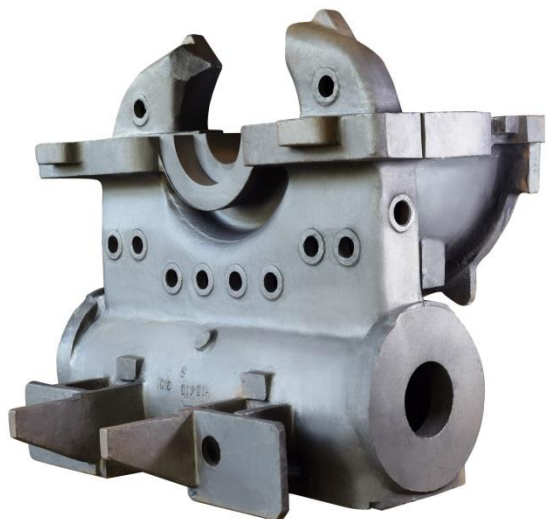
Turbine Casing  
Grade: G17CrMoV510



**Item:** Turbine Casings  
**Grade:** G17CrMov510



# Steam Turbines

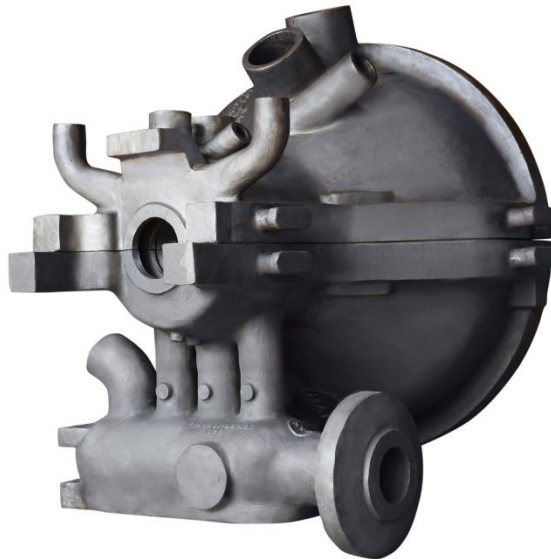


**Item:** HP Casing

**Grade:** GP280GH+QT

**Unit Weight:** 7.7 MT (Upper Casing: 5.02 MT, Lower Casing: 2.73 MT)

# Steam Turbines



**Item:** Turbine Casings with fabrication welding  
**Grade:** G17CrMov510



# Gas Turbines



**Item:** Case – Gas Turbine

**Grade:** WC9

**Unit Weight:** 7.5 MT

**Delivery condition:** Final machined

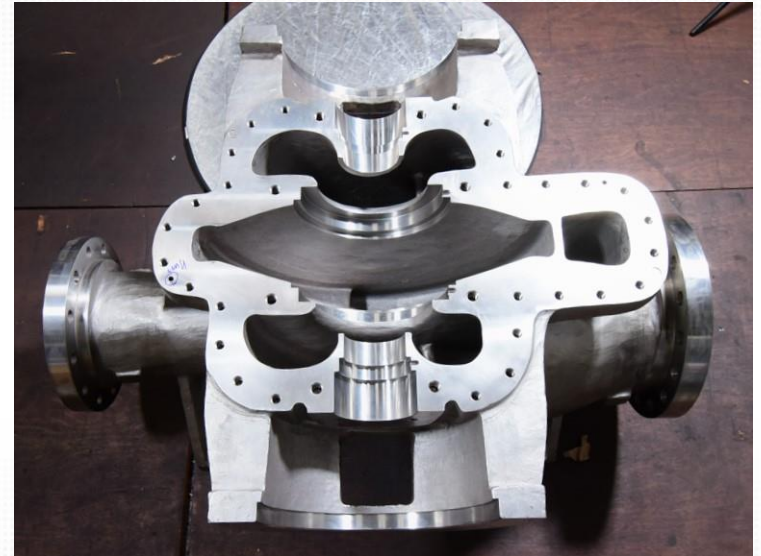
# Pump Casings



**Item:** 30LPN41 LOWER PUMP CASING (M18494/18495)

**Unit Weight :** 13.98 + 5.65 MT





**Status:** Under Manufacturing

**Item:** 8X10-21A M-GROUP UPPER CASING (Model: 3610)

**Grade:** CF3M

**Unit Weight:** 1.04 MT

# Valve Castings

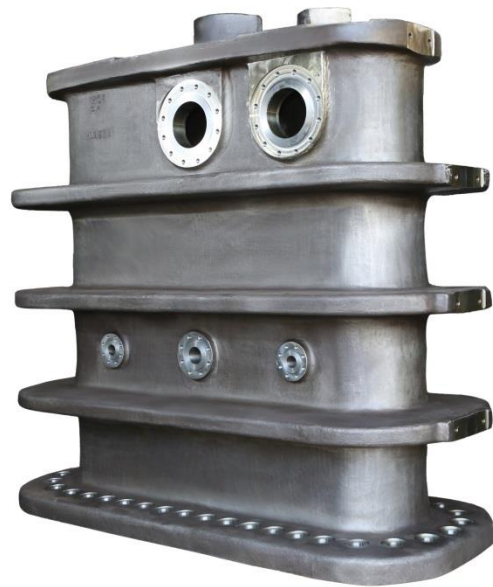


**Item:** 20" #900 DUPLEX STRAINER BODY CASTING

**Grade:** WCB

**Unit Weight:** 9.68 MT





# Customer List





# Safety Pledge / Awards





# Competition / awards



Peekay team  
participation in  
Calicut  
Marathon



Game Fest – for Peekay  
employees





# Competition / awards



Nagjee  
Foot ball  
tournament  
—  
Sponsored  
by Peekay





# Yoga training





# Way Forward



**Enhance Skill set further to provide fabrication welding, overlay welding & hydro-testing**

**We are planning to create a Greenfield Project (by 2020) to cater to the demand of all global OEMs in castings and forging requirements**

**A One Stop Fully Integrated Component Manufacturing Facility For the Energy Sector – 1<sup>st</sup> of its kind in India**

# MoU with NIT Calicut



Exchanging the MoU for Industry Institute Interaction with Dr.Sivaji Chakravorthy, Director,NIT Calicut, in the presence of the Hon'ble President of India at Rashtrapathy Bhavan, on 16-11-2016



# Outstanding Export Performance



EEPC India's Southern Regional Export Award 'Star Performer – Large Enterprise' for the Outstanding Export Performance from Dr. Kiran Bedi, Lt. Governor of Puducherry on, 3rd March 2017

# Safety Award 2016



Safety Award 2016 for the large factories Sector by the Department of Factories and Boilers, Kerala State from Shri T.P. Ramakrishnan, the Hon'ble Minister for Labour & Excise on 4th March 2017



# **Our Anthem**



**Do it right,  
The first time;  
And every time.....**