



# Walchandnagar Industries Limited (WIL)

## Corporate Presentation



# WIL - Building Engineering Excellence for over 100 years



- Walchandnagar Industries Limited (WIL) is an ISO 9001: 2008 certified leading **Heavy Engineering, Hi Tech Manufacturing** and **Project Execution** Indian company
- Strong engineering, Project Management & Manufacturing capabilities with proven track record to undertake large engineering projects and supply of machinery
- Professionally managed with growth oriented corporate structure
- WIL is a listed company on the BSE and NSE stock exchanges in India.



Aerial view of Walchandnagar plant



Dr. A P J Kalam (Former President of India) releasing biography of Seth Walchand Hirachand in 2007 on occasion of 125th birth anniversary of WIL's founder & WIL entering its Centenary Year

WIL is an end to end Engineering solution provider

**EPC / Turnkey /  
Semi Turnkey  
Projects**

**Engineering  
Products**



**Hi Tech  
Manufacturing**

**Engineering  
Services**

# Business Areas



Aerial view of Walchandnagar

EPC /  
Turnkey

- Sugar Plant and Machinery
- Power Plants & Boiler
- Cement Plant & Machinery
- Nuclear Power
- Coal Handling
- Mining & Metals
- Steel Plant Equipments
- Process Equipment

Hi Tech  
Manufacturing

- Defense
- Aerospace
- Missile
- Nuclear

Engineering  
Products

- Gear Boxes
- Foundry
- Precision Instruments

Engineering  
Services

- Complete range of process, mechanical, piping, electrical instrumentation and civil engineering
- Areas – Nuclear, Energy , Defense, Aerospace, Agro

# Seth Walchand Hirachand

Visionary Industrialist, Patriot & Our Founder



**SETH WALCHAND HIRACHAND**  
(1882 – 1953)

- Seth Walchand Hirachand was one of the renowned industrialists of pre-independence India
- With the belief that India has potential to become a world leader one day, he strived to make it self sufficient through various business ventures all his life.
- Seth Walchand’s work and his contribution to India’s industrial field still remain etched in memory and inspire the present generation.

## Key Companies Established

### Walchandnagar Industries Ltd (WIL)

- Heavy Engineering
- Project Execution
- Hi Tech Manufacturing

### Hindustan Shipyard

- Pioneer in Shipbuilding Industry

### Hindustan Aircraft Company

- Pioneer in Aircraft Manufacturing

### Premier Automobiles Limited

- Pioneer in Automobile Manufacturing

### Hindustan Construction Company

- India’s leading construction Company

### Scindia Steam Navigation Company

- Pioneer in Maritime Shipping

“  
*The patriotic industrialist  
whose life was a triumph of  
persistence over adversity*”

- Sardar Vallabhabhai Patel,  
India’s first Home Minister

# Milestones

1900 - 1925

- Company founded and entered concrete structures

1926 - 1950

- Ventured into Organized Farming and Sugar factory
- \* Foundry established

1951 - 1975

- Started manufacturing Sugar Machinery
- Started association with ISRO , NPCIL and BARC
- Venture into Cement Machinery
- \* Set up Heavy Engineering Workshop
- \* Precision instrumentation division set up
- \* Venture into Boilers

1976 – 2000

- Started association with Indian Navy & DRDO
- Venture into Oil & Gas

2000 – Till date

- Celebrated Centenary Year
- Critical components manufactured for India's first Nuclear Submarine Arihant & India's maiden moon mission Chandrayaan-1, India's first ICBM Agni V, India's maiden Mars mission Mangalyaan

# Success Stories

**3 Continents** and over **20 Countries**

**40+ years** of association with DAE, NPCIL, BARC , ISRO & Indian navy

**80+ Greenfield** sugar projects commissioned

**100+ Cement** plants commissioned worldwide

**540+ Boiler** installations worldwide

**600+ EPC** / Semi Turnkey / Turnkey projects executed

**3400+ Centrifugal** machines supplied internationally

**6500+ Gearboxes** supplied globally



INNOVATION  
SUCCESS  
EVALUATION  
DEVELOPMENT  
GROWTH  
SOLUTION  
PROGRESS  
MARKETING

# Global Footprint



# Select Customer List

## Cement

- ACC
- Zambezi  
Portland
- Penna cement
- Reliance  
cement
- Anjani  
portland

## Defense

- DRDO
- BDL
- ATVP
- ASL

## Gear Boxes

- Indian Navy
- BHEL
- Reliance  
Industries
- IPCL
- HAL

## Nuclear

- NPCIL
- BARC
- DAE
- BHAVINI

## Power Plants

- Ingenio  
Providencia
- TNEB
- La Cabana
- Satyam power

## Sugar

- West Kenya  
sugars
- Tendaho  
Sugars
- Balrampur  
Chini
- Bajaj  
Hindustan
- Shri Renuka  
sugars

# Strategic Partnerships



**UBE, JAPAN**

**Vertical Roller Mill(VRM)**



**KAWASAKI, JAPAN**

**Flow Dynamics Conveyor (FDC)**



**TAGGART JHDA ENGG (pty)- S.A**

**Coal & other Mineral Beneficiation Plant and Bulk Material Handling Plants**



**FOSTER WHEELER , US**

**High Pressure large capacity Stoker Fired Boilers**



**ATOM ENERGO MASH, RUSSIA**

**Nuclear Power Plant Core Equipment**



**WINTERS INSTRUMENTS,  
CANADA**

**Precision Instruments**



**MASSON MARINE**

**Marine Gear Boxes**



**NORTHERN HEAVY INDUSTRIES,  
CHINA**

**Coal Handling & Washery, Iron Ore Beneficiation**



**CAPITAL ENGINEERING &  
RESEARCH INC, CHINA**

**Complete Range of Steel Plants**



**BENGANG DESIGN & RESEARCH  
INSTITUTE, CHINA**

**Coal Handling Plant**



**DALIAN HUARUI HEAVY INDUSTRY  
INTERNATIONAL, CHINA**

**Electro Hydraulic Wagon Pusher Car & Metallurgical Cranes**



**NOVA GEARS**

**Marine and High speed Gearboxes**



## First ever:

- Indigenously built Sugar project
- Company to export Sugar machinery and complete Turnkey project from India.
- Export of complete Cement plant with largest ever Kiln manufactured by any Indian company
- Independent Power project based on municipal solid waste in India



First to export Sugar machinery from India

## Amongst First to manufacture:

- Critical components for Nuclear Reactor
- Main propulsion gear boxes for Indian built Navy Frigates
- Components for Satellite launch vehicle for ISRO
- Critical components for 235 MW & 500 MW Nuclear Power project
- One of the largest Optical Telescopes in India
- Major critical components in the first Indian built nuclear sub-marine '**INS Arihant**'
- Critical components for India's first Moon mission "**CHANDRAYAAN-I**"
- Critical components for India's Mars mission "**MANGALYAAN**"
- Major critical components for India's Intercontinental ballistic missile (ICBM) program "**Agni V**"



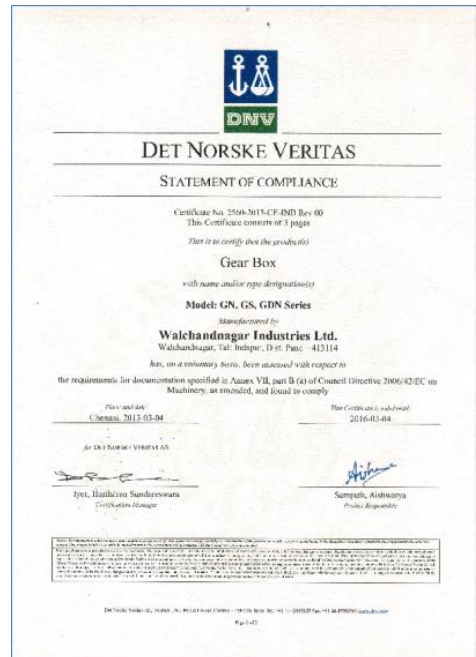
Critical components for Chandrayaan Moon mission

# Some of our recent achievements

- Manufactured critical components for India's Mars Orbiter Mission ( Mangalyaan) and GSLV D5
- Bestowed with Performance Award for “ Best Equipment (Centrifugal Machine) Supply Partner by Nirani Sugars
- Achieved a CE marking for its Gearboxes for all High speed Steam turbine driven Gearboxes of GN & GDN series
- Launched TIWIN - a new, premium range of Pressure and Temperature gauges



TIWIN products with packaging

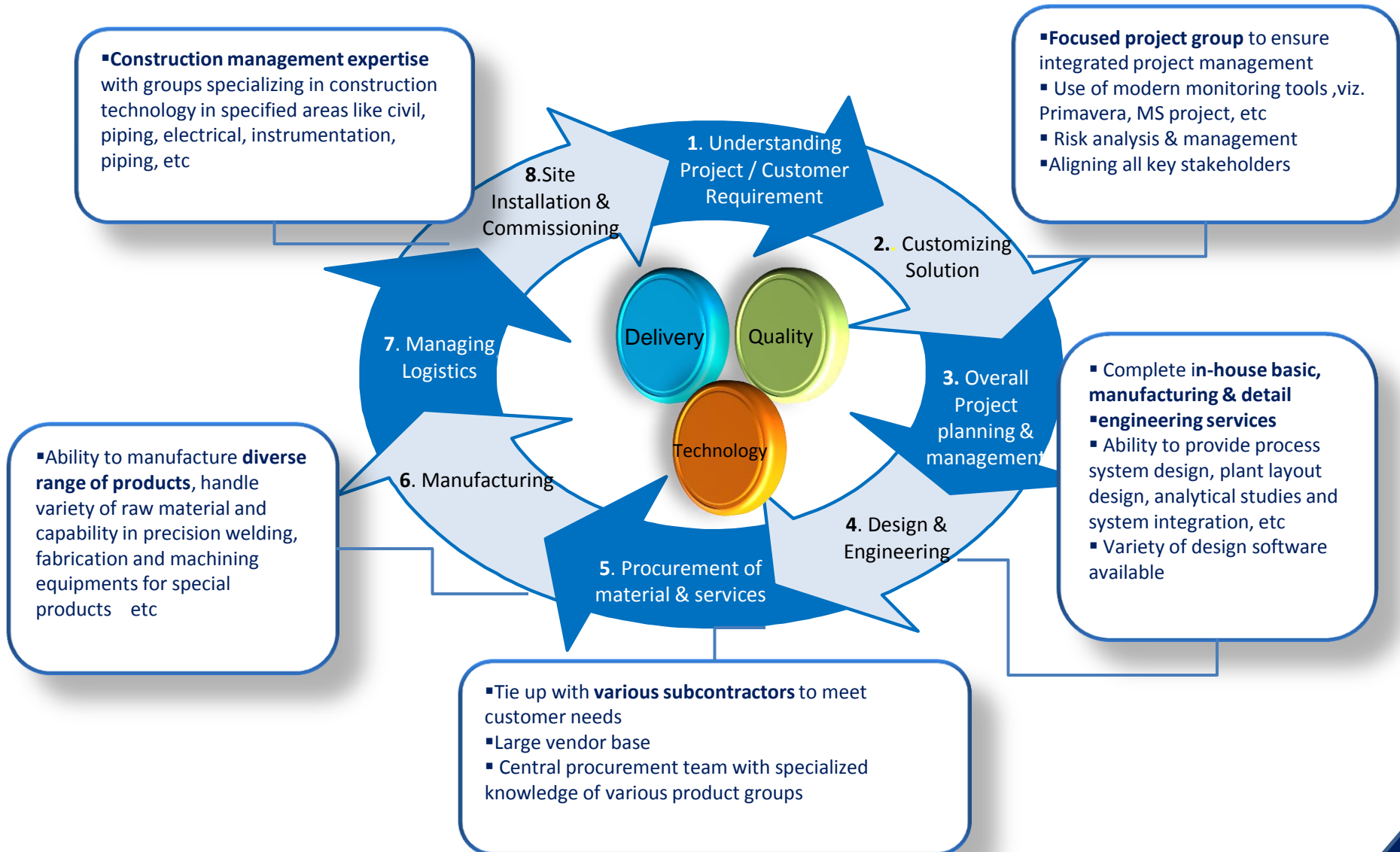


CE marking from DNV for  
Gearboxes



Performance Award

# Our Proven Business Model for EPC Project Execution



# WIL Manufacturing Facilities



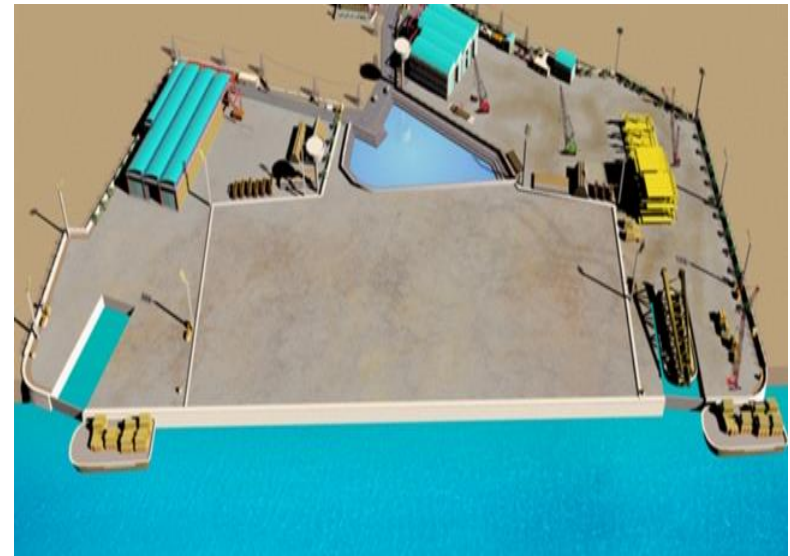
Heavy Engineering at Walchandnagar



Precision Instruments at Dharwad



Foundry at Satara



Dahej (Planned Shore based Facility)

# Heavy Engineering Facility at Walchandnagar



Area under crane: 56,000 sq mtr.

Crane capacity up to 250 tonnes

ASME Certification for NB, R, S, PP & U stamps

Fully equipped with modern manufacturing facilities

Dust Free Halls for critical assembly

Sophisticated Welding Systems for exotic material

Large sized Furnaces with Data acquisition systems

Fabrication compliant with conformance standards

Critical materials handled include Cladded Steel (Stainless Steel, Titanium Cladding), Alloy Steel (Including varieties of Cr, Mo Steels), Stainless Steels (Austenitic, Martensitic & Super Duplex Types), High Strength Maraging Steel & Vanadium Steel, Inconel, Monel & Incoloy, Titanium Alloys, Aluminum Alloys, Cobalt Alloy, etc

## Precision Instruments at Dharwad



Total area of Dharwad site is 65000 sq m with built up area for manufacturing at 2220 sq m

Manufacturing facility for pressure and temperature gauges, various instruments

Plant comprises of automats, hobbing machines, press shop, heat treatment facility, testing lab, chemical treatment facility and tool room

## Foundry at Satara



Excellent product related infrastructure, pattern shop, machine shop and metallurgical Lab. With cranes used in foundry ranging from 2 to 35 Ton, the liquid metal capacity of this facility is 1200 T / month.

Satara foundry is spread over an area of 38 acres

# Select EPC/Turnkey Projects executed by WIL



181 TPH, 67 kg/cm<sup>2</sup>(g), 510 Deg. C  
Boiler for Ingenio Providencia , Colombia



1000 TPD Cement plant for Zambezi Portland,  
Zambia( S. Africa)



6.6 MW Municipal Waste Power Plant- EPC for  
Selco International , A.P ( India)



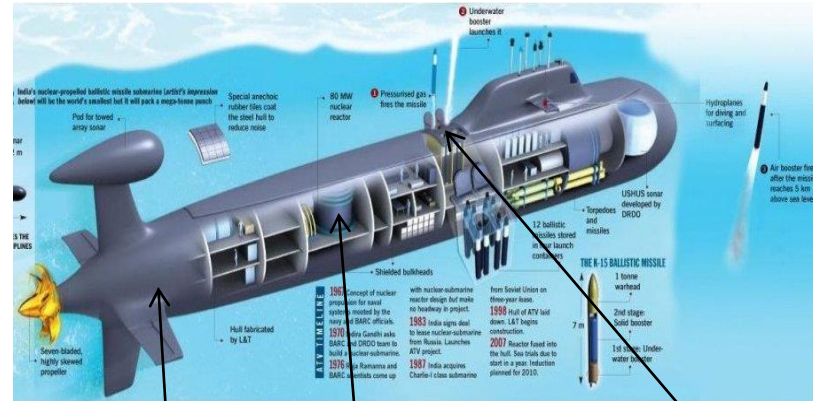
44 MW co- generation plant at Warana, Maharashtra  
(India)

# Select Equipment Manufactured by WIL

## Critical components for "INS ARIHANT" First ever Indian-built Nuclear Submarine



P-28 gear box for Indian Navy



Main Propulsion Gearbox

Core Nuclear Components

Vertically launched missile containers



Mobile Agni Missile Launcher in Walchandnagar works



Calandria for 700MWe Nuclear power plant

## Rural Education

- Imparting free education to under privileged children and establishing schools up to Higher Secondary grade

## Rural Health care

- Conducting free health and eye check up camps as well as blood donation camps
- Supply of filtered drinking water and providing adequate sanitation facilities

## Environment

- Conducting tree plantation drives and other activities such as waste recycling and energy conservation

## Encouraging Talent

- Sponsoring sports tournaments to encourage young talent in the sports arena



Gift Donation drive for underprivileged children

Organized Summer camp by students of University of Michigan for BCA children

Walchand Cup 2014

# CSR Practices by WIL since 1934

## Walchandnagar Township

- ❑ Named after the founder, Walchandnagar is a well designed township having all civic amenities
- ❑ Located 26 Km from main Mumbai- Hyderabad national Highway and 6 Km from state High Way Baramati-Indapur
- ❑ Spread over 157 acres of land , includes 50 acres of factory area
- ❑ A cosmopolitan Township with a population of approx. 15,000
- ❑ Well established infrastructure
  - ❑ Established primary schools in each Agricultural Estate
  - ❑ English and Marathi Medium High school in Walchandnagar
  - ❑ A 70 bedded modern hospital
  - ❑ Modern Sports facilities both outdoor and indoor
  - ❑ Senior citizen park, children play park
  - ❑ Banks/ATM centers etc.



Hospital at Walchandnagar



Eye Care programme for Welders- by Dr Sachin Kokare



Tree Plantation drive

Thank You