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. Kalam 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
- Engineering Services
- Hi Tech Manufacturing
Business Areas

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

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

Aerial view of Walchandnagar
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.

“Walchand Hirachand was a dreamer, a visionary, a great builder, a great leader of industry. Above all, he was a patriot, and in his own way, he was an inspiring leader of our struggle for freedom. I salute his memory.”

- Dr. Manmohan Singh, Prime Minister Of India
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
• Set up of Heavy Engineering Workshop
• Started association with ISRO, NPCIL and BARC
• Precision instrumentation division set up
• Venture into Cement Machinery
• 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
• Critical components for India’s first ICBM Agni V
• Critical components manufactured for Mangalyaan (India’s maiden Mars mission)
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
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Strategic Partnerships

- **FOSTER WHEELER, US**
  - High Pressure large capacity Stoker Fired Boilers

- **ATEC, AUSTRIA**
  - Cement Plants of 5000 TPD and more

- **UBE, JAPAN**
  - Vertical Roller Mill (VRM)

- **KAWASAKI, JAPAN**
  - Flow Dynamics Conveyor (FDC)

- **P & H MINEPRO SERVICES, UK**
  - Long distance & High angle conveyor, Feeder Breaker,
  - Impactor, Gyratory and Cone crusher

- **EARTH TECHNICA CO LTD, JAPAN**
  - Impact, Gyratory and Cone crusher

- **DCNS, FRANCE**
  - Naval Applications

- **MAGOTTEAUX, BELGIUM**
  - Air Separator technology

- **ATOMENERGOMASH, RUSSIA**
  - Nuclear Power Plant Core Equipments

- **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
Pioneering Technological & Industrial Achievements

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

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 “MANGALYAAAN”
- Major critical components for India’s Intercontinental ballistic missile (ICBM) program “Agni V”
Some of our recent achievements

- 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

- Manufactured critical components for India’s Mars Mission (Mangalyaan) and GSLV D5
Our Proven Business Model for EPC Project Execution

1. Understanding Project / Customer Requirement
2. Customizing Solution
3. Overall Project planning & management
4. Design & Engineering
5. Procurement of material & services
6. Manufacturing
7. Managing Logistics
8. Site Installation & Commissioning

- **Construction management expertise** with groups specializing in construction technology in specified areas like civil, piping, electrical, instrumentation, piping, etc
- **Focused project group** to ensure integrated project management
  - Use of modern monitoring tools, viz. Primavera, MS project, etc
  - Risk analysis & management
  - Aligning all key stakeholders

- **Complete in-house basic, manufacturing & detail engineering services**
  - Ability to provide process system design, plant layout design, analytical studies and system integration, etc
  - Variety of design software available

- **Ability to manufacture diverse range of products**, handle variety of raw material and capability in precision welding, fabrication and machining equipments for special products etc
- **Tie up with various subcontractors** to meet customer needs
  - Large vendor base
  - Central procurement team with specialized knowledge of various product groups
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/cm²(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 Equipments Manufactured by WIL

P-28 gear box for Indian Navy

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

Main Propulsion Gearbox
Core Nuclear Components
Vertically launched missile containers

Mobile Agni Missile Launcher in Walchandnagar works

Calandria for 700MWe Nuclear power plant
Corporate Social Responsibility @ WIL

Rural Education
- Imparting free education to underprivileged children and establishing schools up to Higher Secondary grade

Rural Health care
- Conducting free health and eye checkup 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

Organized Summer camp by students of University of Michigan for BCA children
Walchand Cup 2013
Gift Donation drive for underprivileged children
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