

Visits to Oswal Castings and HGI Automotives, Faridabad on 09 March 2013 – A Brief Review

The Indian Institute of Metals – Delhi Chapter regularly organizes visits to eminent industries in and around NCR, for benefit of its members. In this series, a team of IIM-DC members visited **Oswal Castings** and **HGI Automotives** at **Faridabad** on 09 March 2013, on personal initiative of Mr.M.P.Sharma, Hony.Jt.Secretary IIM-DC Chapter. The Visiting Team went around modern facilities at these two Units and had extensive deliberations with the senior officials.

Oswal Castings Plant II, Faridabad

The plant is part of `Oswal Group of Industries'. Mr. R.K. Jain, a first generation entrepreneur incorporated `Oswal Electricals', the first company of this Group, in 1967. Today after four decades, the Company has grown up to `Oswal Group of Industries', comprising four factories in Faridabad, having an installed annual capacity of ~ 22,000 tonnes of Aluminum Castings. The Group basically provides total solutions on Aluminum Pressure Die Castings, comprising Tool design & Manufacturing, Simulation software for flow & thermal analysis, Die cast parts, Partial local squeeze & provision for vacuum in dies, Machine parts, Surface treatment (buffing & shot blasting), Painted parts (powder & liquid), Assemblies, etc. The Group is highly Quality conscious and have taken ISO & QS 9000 Certification (2002), TS 16949 Certification (2004) and ISO 14001 compliance (2005).

Mr. T Krishna Kumar, Head (Manufacturing) took the Team around the Plant facilities and explained working of different Units.

The Unit has *Die Casting Facilities* (varying from 100 - 1,000 tonnes capacity), *Machining & Assembly facilities* (Turning Centre, Broaching Machine, Pneumatic/Hydraulic presses, Electro Chemical debarring etc.) and State-of-art conveyerized, positive pressurized *Paint Shop* with dust proofing facilities. Elaborate *Tool Design, Tool Manufacture* and state-of-art *Inspection Facilities* are also installed as support functions. Some of their products are shown below:





The products are supplied globally to leading Automotive and other manufacturers, viz. Maruti Suzuki, Hero Honda, Yamaha, TVS, Electrolux, General Electric, Huchinson, Honda, Mitsuba, Delloroto, Sona, ZF etc.

INTERACTIONS WITH SENIOR OFFICIALS

Activities of IIM Delhi Chapter were discussed with S/Sh. T.Krishna Kumar (Head-Manufacturing), Ramvir Singh (Head-Quality), Pradeep Tyagi (Head-PDC Operations), Ajay Sharma (Head-Production), Ashok Gupta (Head-Production), Sunil (Head-Production), Ajay Sagar (Head-HR) and Mukesh (Head-Machine Shop). Copies of IIM-DC Monthly Newsletter and IIM-DC Brochure were handed over.

The visit to Oswal Castings, Faridabad, ended with thanks to their senior officials for facilitating this visit

HGI Automotives (P) Ltd.

The Company was set up in 1995 by a first generation entrepreneur Mr.S.C.Garg and provides complete solution of Automotive parts. The Works are spread over in a Plot of 20,000 ft², which houses state-of-art facilities at a single venue. The annual Turnover is around ₹ 70 crs. The Unit is highly Quality conscious and has taken ISO 9001:2008 Certification in December 2011.

Mr S.C.Garg, Director and Mr.R.N.Yadav, Manager (Works) took the Team around the Plant facilities and explained working of different Units.

The plant has dedicated team of engineers (comprising Mechanical Engineers, Technicians, Designers, Quality personnel, R & D professionals and skilled labor) and equipment available to design a product from concept stage to full production, having State-of-art machining centres to improve accuracy, repeatability & speed. The systems are able to receive data in a wide variety of formats. Automatic programming & development assist conversion of basic designs to prototype within a short time. Complete in-house tool manufacturing facilities, in-house laboratory for inspection and fully equipped standards room



are supplemented by 3rd party verifications from NABL approved sources. Internal SQA team ensures vendor quality management. This team organizes inspection for incoming raw material, in-process material and end-products for all parts and tooling. Support is drawn from in-house testing and characterization laboratory for acceptance at all stages. Some of their products are shown below:



Some of their clients are – LG Electronics, Havell India, Honda Siel Power, Indo Autotech, Control & Switchgear Company, Sanauto Engineers, Avantek Precision, Minda Industries etc.

INTERACTIONS WITH SENIOR OFFICIALS

Activities of IIM Delhi Chapter were discussed with Mr.S.C.Garg (Director) and Mr.R.N.Yadav (Manager-Works). Copies of IIM-DC Monthly Newsletter and IIM-DC Brochure were handed over.

The visit to HGI Automotives, Faridabad, ended with thanks to their senior officials for facilitating this visit