

REDIFING THE INDUSTRIAL METALLURGY



MEMCON

Met Expert Metallurgical consultancy (opc) PVT LTD

A Company Profile

Background

- *Metallurgical Consultant with over 35 years of experience*
- *Specialization across various Metallurgy related activities in Manufacturing and Engineering Industries, Research and Development Institutions, Engineering Institutions, conducting training sessions on various Metallurgy related topics, Faculty services for special applications*
- *Experience of working with both large Public Sector and Private Sector manufacturing industries*

Business expertise and knowhow

- *Build the manufacturing process to achieve optimum capability and efficiency*
- *Deploy practical applications to optimize the outcome*
- *Innovation is the key – Deploying innovation in every stage of the manufacturing process*
- *Regular and timely inspection to achieve a standard and seamless manufacturing process*

Key Team Member

Director (K.G.Seshuprasad Rao)

A Metallurgical Engineering Graduate from IISc Bangalore, worked in various Government and private Manufacturing Industries in India and abroad . Practicing Metallurgy since 35 years . Normal practice of a scientist is to involve in research activity and doesn't look in to the practical application of the outcome, Mr Prasad is only focused on converting scientific innovations to solve day to day problems in Manufacturing Industries.

Experience

Worked in reputed manufacturing Industries like TVS Motors, LG Balakrishnan & Brothers, Altair India and Malaysia, Trinity Holdings Dubai, etc., ability to contribute and help many MSME and small scale industries technically by supporting with innovative idea's on manufacturing techniques. Expertise on product development, failure analysis, Process design and corrective action. Many of the Industries are supported with 'Value Engineering' concept and training the personnel's on Metallurgical aspect and effect of the process parameters on quality and production repeatability. Successfully completed many turnkey projects.

Exposure and expertise - verticals of manufacturing

- *HEAT TREATMENT PLANTS (EXPERT IN CQI-9 SYSTEM IMPLEMENTATION AND AUDITS)*
- *FOUNDRY FERROUS, STEEL AND NON FERROUS (ALUMINIUM, COPPER , LEAD,ETC)*
- *ELECTROPLATING SHOPS*
- *SHOT BLASTING, SHOT PEENING*
- *COLD EXTRUSION PLANT*
- *HOT FORGING PLANT*
- *ALUMINIUM (SAND CASTING, GRAVITY DIE CASTING, PRESSURE DIE CASTING AND LOW PRESSURE DIE CASTING*
- *VENDOR AUDITS FOR SUPPLY OF RAW MATERIALS LIKE ALUMINIUM INGOTS, ALUMINIUM BILLETS, ETC*

Patent pending

Specially Coated material for many applications

Developed a special coating on stainless steel to withstanding high temperature resistance, corrosion resistance and creep resistance . These are used in application like thermocouple used to measure high temperatures up to 1400Deg C, Melting pots for Aluminum alloys, Cement plants, etc as an alternative and cheaper version of many replaced techniques like usage of Silicon carbide and graphite which are very brittle and breaks often when used for this application.

Patent pending, contd

Dew cup

This is an instrument used normally dew point of a particular gas or mixture of gases. These are estimate the carbon dioxide content in gas / gas mixture. The method is very old and proven for repeatability of the results. The modification is with a digital display and recording of the results electronically. This instrument is cheaper version of measuring moisture content in the gas and fool proof method without complicated calibration techniques.

support to Aluminium Industries

- *Supply of foundry chemicals (special chemicals for property improvement)*
- *Supply of Raw material Ingots and billets*
- *Supply and train on testing of Aluminum at various stages of manufacturing*
- *Supply of process control equipment like Degassing unit, Low pressure testing , Thermocouples, Crucibles (coated type), etc*
- *Supply of Furnace, spares like Heating elements, Furnace repairs, Modifications, automations, etc*
- *Conduct training class for process control and other equipment related topics especially on 'reverse engineering', Metallurgy of Aluminum, Heat treatment of aluminum alloys, Value Engineering (Explore saving potential and precise manufacturing practice), etc*

Commercial Information

- ***GSTIN: 29AALCM2129G1ZD***
- ***PAN : AALCM2129G***
- ***BANK DETAILS:***
- ***Bank Name : YES BANK LTD***
- ***BRANCH : No. 185, GROUND FLOOR,
SRIRANGAM, GANDHIBAZAR***
- ***BANGALORE : 560004***
- ***IFSC: YESB0000924***

Contact Details

Director/ Consultant Metallurgist :

K.G.SESHUPRASAD RAO

Telephone: (whatsapp) + 917829721305 & +919611142937

E mail : prasadrao@metexperts.in / metexperts@outlook.com

Web Site : <https://www.metexpertsindia.com/>

Skype: prasadlgb

Address:

***No. 3387, 2nd Cross, 6th Main Road, RPC Layout, Vijayanagar,
Bangalore 560040, INDIA***