

# MEC



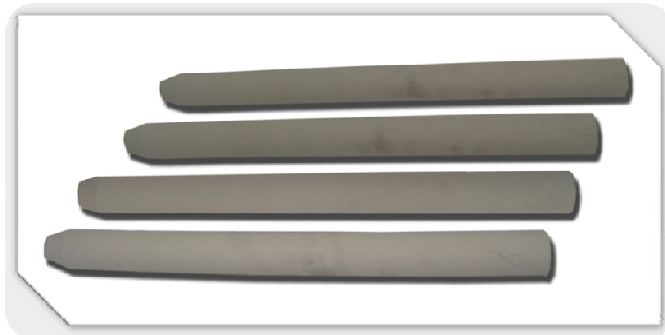
## THERMAL SPRAY FACILITIES

COATING SYSTEMS FOR HVOF, PLASMA, FLAME SPRAY, ARC SPRAY & ROD SPRAY

### HVOF COATINGS MITIGATE WEARS FOR REFRACTORY MANUFACTURERS

Refractory manufacturers on the one hand having reasons to be pleased with increasing demands of their products also have reasons to worry because of less production and increased cost of their operations. These problems are mostly undergone by various kinds of steel pins which are fitted in the die cavity, high pressing during bricks manufacturing results in the very early wears of these pins which further results in more machine down time and replacements with new pins involve high costs.

Being very critical and crucial component of brick manufacturing machineries the surface engineering problems undergone by these Pins can't be ignored at any cost. So MEC in respect to giving sigh of relief to these refractory brick manufacturers has come up with an ultimate solution. MEC Having vast experience of more than 43 years in thermal spray field, by utilizing its supreme expertise and hitech technology, developed a sustainable coating on surface of the pins.



COATED PIN SAMPLES

The hard surface coating on the Pin makes it more more resist to wears than original one. Pin's (centre pin/Zircon insert pin) life increases by several times than original pin by hard surfac- ing the area which comes under the high pressure.



MEC's ROBOTIC SYSTEM FOR HVOF SPRAY

#### Process used for applying coating – HVLOF spray coating

MEC is servicing the Refractory manufacturing industry for repairing and providing wear resistant coating with the necessary equipments and engineering consultation and field assistance.



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