

**Coating using HVOF Method**



HVOF Coating of all alloys being carried out  
Automated Spraying (Powder as well as wire), Spray and Fuse method coating carried out  
using Highly skilled Operators  
Ni-Cr-B-Si, Tungsten Carbide being used regularly. Almost all Powder available

## Weld Overlay

HVOF Coating of all alloys being carried out  
Automated Spraying (Powder)



SMAW Overlay on Flange ID



Overlay on Pipe OD using FCAW



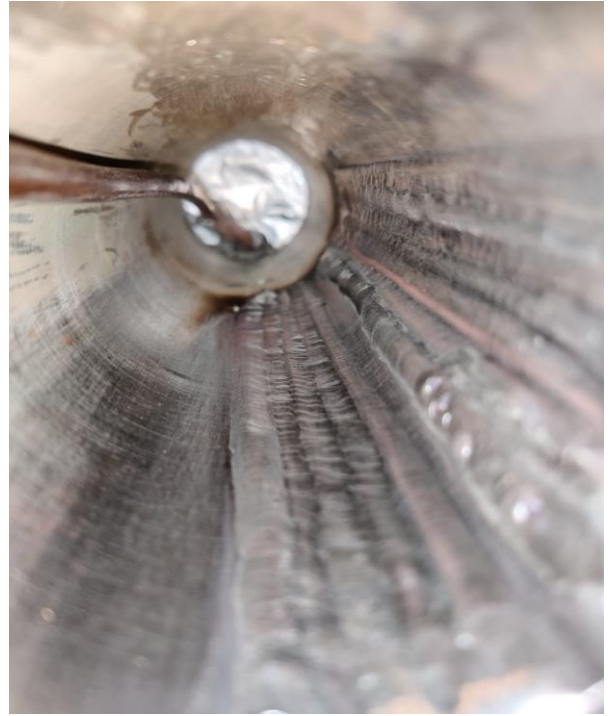
Automated FCAW on Flange ID



Expertise in Clad Restoration of exotic Metals



Stellite Weld overlay on Inconel



Pipe ID Overlay using GTAW Process



**Weld Automation**



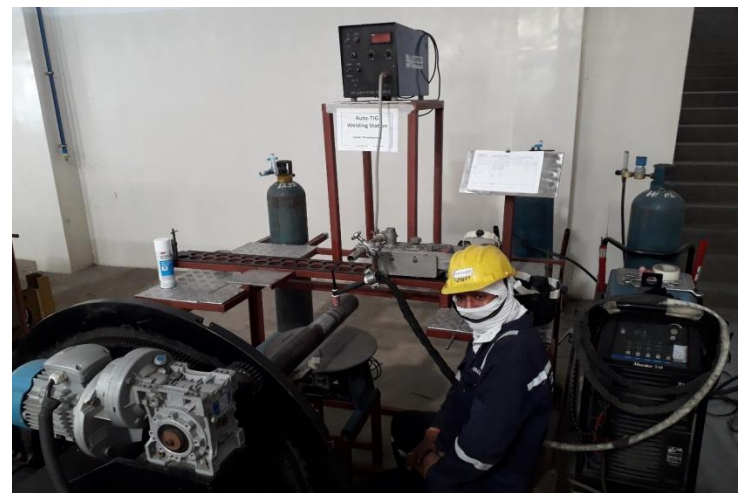
ID FCAW Overlay



Fully Equipped MIG / FCAW Overlay Station



Elbow ID Overlay



Automatic TIG Welding Station

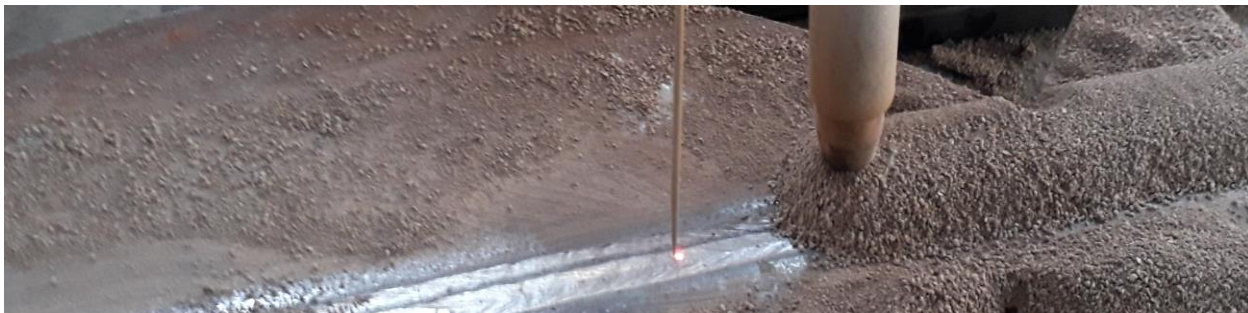


Expertise in Clad Restoration



Weld using Autogenous TIG Process

Tractor mounted SAW Welding



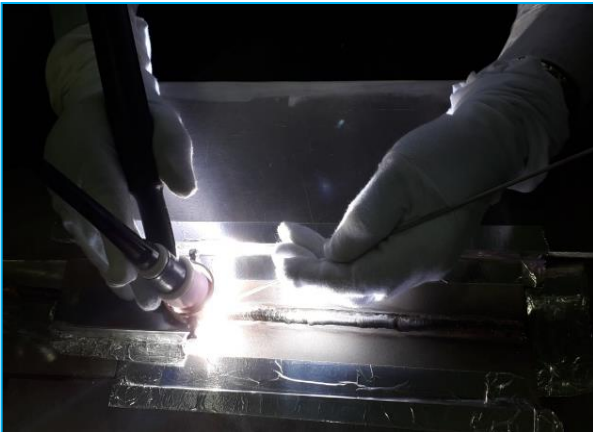
## Exotic, Non-Ferrous Metals Welding



Clean Room available for Exotic & Non-Ferrous Metal Fabrication

Trained and Qualified Welder available for welding Titanium, Aluminium, High Ni-Alloys etc





Titanium Welding

## Aluminium Welding



Assembly involved Welding and Machining being carried out as per customer requirement  
Various Grades like 6061, 6063, 5083 & Pure Aluminium being welded



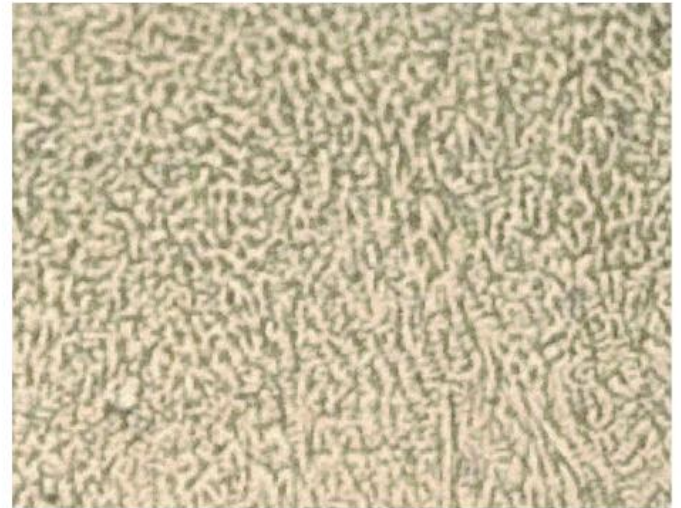
## Metallurgical Analysis

Microstructure at Cross Section



Fusion Zone

Base Metal



Fusion Zone @ 100x