WFS INSTRUMENTS PVT. LTD.

METAL & STEEL INDUSTRY

The steel industry is a barometer for the state of economy. The processes of steel industry are highly energy intensive and comprised of many complex unit operations. Iron ore and coal need preprocessing before feeding into a reactor, and liquid metals from different reactors need to be carefully handled. Further liquid steel is to be converted into solid form and then rolled into finished products. Each of these operations has a stake in the quality of steel produced, and also needs constant monitoring. There are many systems available for monitoring and controlling each unit operation. The process control systems in steel industry ranges from manual control to fully automated controls.

A new generation of automation systems are used in the production process which link the manufacturing process with remote control systems frequently through information technology. These new automation systems are equipped with remote contact or non-contact sensors and standardized interfaces, and, in some cases, eliminate totally the human interferences. This helps in eliminating the quality deficiencies in the products introduced through human errors. Automation also enables the manufacturing of the product with better precisions and close tolerances in a cost-effective manner.

SPECIFICATIONS :

Wfsipl has been involved in number of applications for upgradation of Electrical, Automation and SCADA, as given below

Rolling Mills	Process lines
TMT Bar & wire rod mill Cold rolling mill (2Hi, 4Hi, 20Hi)	slitting, Cut to length, Tension leveling line, Blanking line, Galvanizing line, Annealing & pickling line, Degreasing line, Color coating line.

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