

Tower Division

Procedure of Product Identification & Traceability

All incoming raw materials shall be provided with Steel Inward Number (SIN). All raw materials is checked for its dimensional & visual tests and recorded in the raw material inspection register against SIN no. The mechanical & chemical properties are checked with the Mill Test certificates provided by the steel suppliers and all the Mill Test certificates are provided with a T.C. no. and this T.C. no. are mentioned against every SIN in the raw material inspection register.

After getting clearance from the Q.A. dept., the raw material is issued for production through Job Cards (J.C.) and Cutting Schedule 13-Product Identification & Traceability (C.S.). Every J.C./C.S. describe the material SIN no., against which, material is to be issued for production. During the manufacturing operation, every individual item is checked for its correctness by the Q.A. Inspectors / Technicians and recorded in the machine wise production report. After completion of all the fabrication operations, the finished materials is offered for inspection by the production dept. and those pieces which are accepted by the Q.A Inspector / Technician are only treated as production and provided a green tag on it to send the same for galvanization, if required, and recorded in the control chart by Q.A. persons.

The SIN no. and daily fabrication clearances are entered into the control chart of respective tower batch against individual item. After galvanizing of fabricated members, the Q.A. persons shall witness the galvanizing test and test results are recorded in the galvanizing test certificate. Every galvanizing test certificate has its own Serial No. which is again entered into the control chart to show its status against the individual item.

So from the control chart any individual item can be traced for its original material through SIN no. its fabrication status and its galvanizing results at any time during the manufacturing process.

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