



HTC STEEL

A Laxmi Group Enterprise

Introduction

Laxmi group was established in year 1992 and during its course it has branched out in various sectors:

- Heat Treatment
- Rubber Compounding
- Rubber Mouldings
- Rubber Extrusion
- Plastic Injection Moulding
- Electrical Switchgear Assembly.

HTC STEEL is the unit from which the journey of laxmi group started. It has the most advanced machinery ,and the best material handling system which is required for achieving the best result.

Company has its own in house metallurgical testing facility to determine the properties are attained by metal.

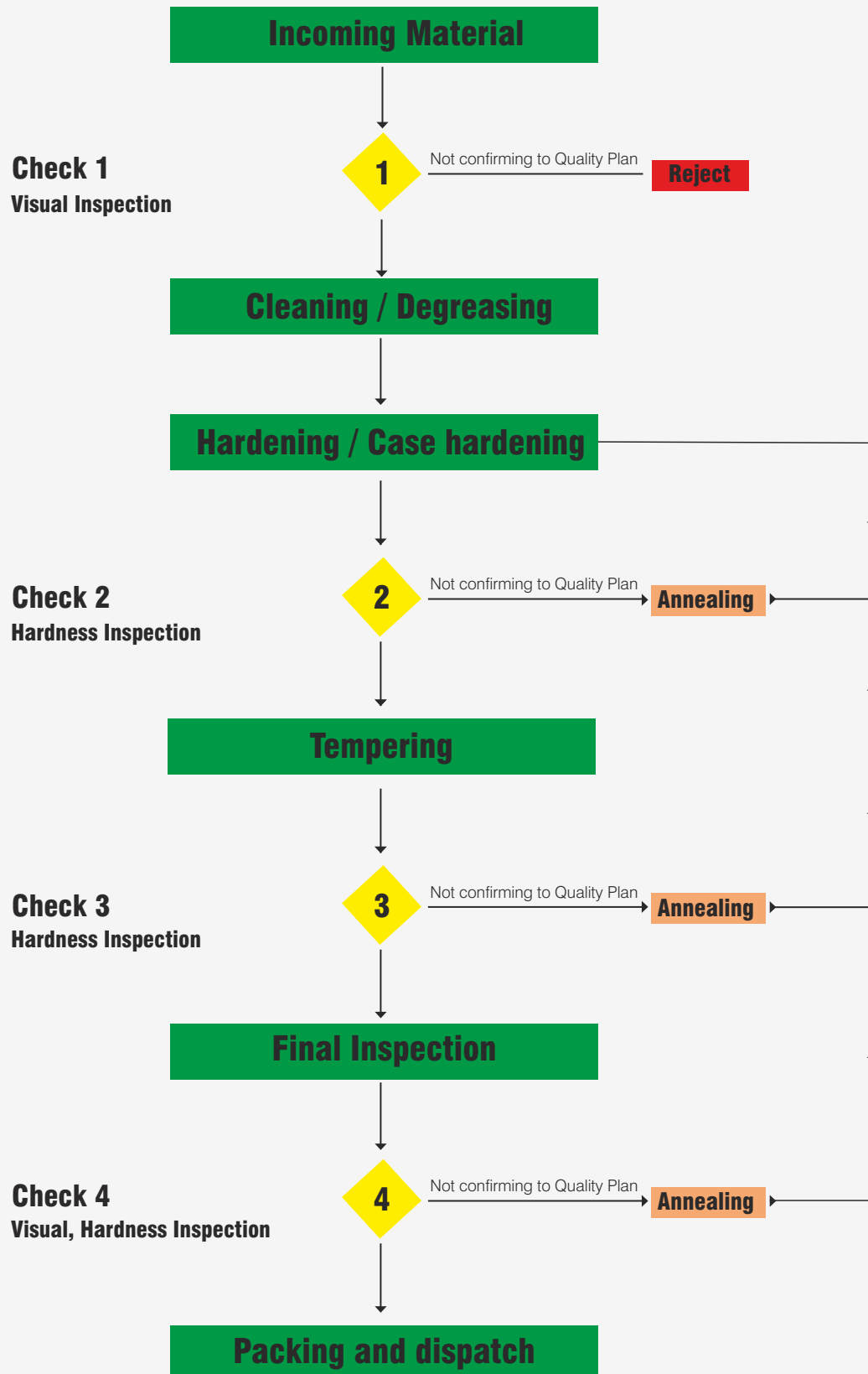
We are pleased to introduce ourselves as the unit specialized for heat treatment of electrical components.

Process which we provide of following Categories:

- Full hardening
- Carburising
- Carbonitriding
- Tempering
- Annealing
- Stress Relieving
- Normalizing
- Water quenching
- Oil quenching
- Polymer quenching
- Metallurgical Services



Operation Flow Chart



Heat Treatment Infrastructure

Rotory Retort Furnace

- Maximum working temperature 950C
- Process able to carry out full Hardening, Carburising, Carbonitriding.
- Customized retort to provide uniform atmosphere at every position.
- Provision of C P controller for automised atmosphere control.
- Components processed in the furnace.
- Screws
- Bearing
- Washers
- Nuts
- Bolts
- Clamps



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Continuous Mesh Belt Furnace



- Maximum working temperature 950C
- Process able to carry out full Hardening, Carburising, Carbonitriding.
- Provision of C P controller for automatised atmosphere control.
- Production rate from 5 kg / hr To 40 kg / hr
- Components processed in the furnace
 - Fastener's
 - Bearing
 - Screws
 - Clamps
 - Nuts
 - Bolts
 - Washers

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Continous Mesh Belt Furnace

- Maximum working temperature 950C
- Process able to carry out full Hardening, Carburising, Carbonitriding.
- Provision of C P controller for automised atmosphere control.
- Production rate from 5 kg / hr To 60 kg / hr
- Components processed in the furnace
- Fastener's
- Bearing
- Screws
- Clamps
- Nuts
- Bolts
- Washers



Box Type Tempering Furnace



- Maximum working temperature 700C
- Charge capacity upto 100 kg

Pit Type Tempering Furnace



- Maximum working temperature 700 C
- Charge capacity upto 200 kg

**HTC
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Metallurgical Testing Facility



Vickers Hardness tester



Rockwell Hardness Testing Machine



Mould Maker



Torque Driver



Polish Machine

List of Customer's



HTC STEEL

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