

ABSTRAK

Eric Darmawan :

Analisa *Quality Control* di PT Ispatindo – Sidoarjo

Perkembangan teknologi industri manufaktur di Indonesia terus menunjukkan perkembangan yang pesat, demikian pula yang dilakukan oleh PT Ispatindo – Sidoarjo sebagai perusahaan manufaktur baja (pengecoran dan *wire drawing*) yang terus mengembangkan teknologi proses mulai dari *melting process, moulding billet, billet drawing* sampai dengan *quality control* terhadap *wire rod*. Dalam pelaksanaan Tugas Akhir yang dilaksanakan di PT Ispatindo – Sidoarjo meliputi studi literatur proses produksi, *quality control inspection* pada setiap *section* serta observasi di lapangan. Dalam pengamatan di lapangan dipelajari proses produksi mengenai cara-cara proses membuat *wire rod* mulai dari bahan baku berbentuk besi tua, baja cair, *billet* hingga menjadi *wire rod*. Sedangkan dalam *quality control* dipelajari proses *quality inspection* pada *heat number* di setiap *section* QC dengan berpedoman pada *company JIS standard*.

Kata kunci :

Melting process, Moulding billet, Billet drawing, Wire rod, Quality control, Heat number, JIS standard.

ABSTRACT

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Quality Control analysis in PT Ispatindo - Sidoarjo

Technological growth of manufacture industry in Indonesia continue to show fast growth, that way also conducted by PT Ispatindo - Sidoarjo as steel manufacturing business (drawing wire and moulding) what continue to develop process technology start from process melting, billet moulding, drawing billet up to control quality to rod wire. In executed by final duty execution in PT Ispatindo - Sidoarjo cover production process literature study, inspection control quality in each section and also observation in field. In perception, in field studied by production process regarding the way of process make rod wire start from raw material in form of scrap iron, liquid steel, billet till become rod wire. While in control quality studied by inspection quality process at heat number in each every QC section with based at JIS standard company.

Keyword :

Melting Process, Moulding Billet, Billet Drawing, Wire Rod, Quality Control, Heat Number, JIS Standard.

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