

## SUMMARY

# USULAN PENINGKATAN KUALITAS DAN MINIMASI CACAT PADA PRODUK HEATING TUBE “U-EA301” DENGAN METODE SIX SIGMA DI PT. TIMAS SUPLINDO JAKARTA

Created by UJI VICTORIS

**Subject** : USULAN PENINGKATAN KUALITAS DAN MINIMASI CACAT PADA PRODUK HEATING TUBE “U-EA301” DENGAN METODE SIX SIGMA DI PT. TIMAS SUPLINDO JAKARTA

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**Keyword** : USULAN PENINGKATAN KUALITAS DAN MINIMASI CACAT

### Description :

PT.Timas Sulindo is firm engaged in manufacturing industry component manufacture products large metal products industry that high-quality receiver, as: slug an exchanger, platforming combine feeds gas boot, vessel vertical synchronization heating tube. To assess the quality of products resulting conducted research relating to defective product occurs at six sigma heating tube by approach. Used 5w + 1h and diagrams of the pareto to know largest defective products heating tube.Based on the results of a diagram pareto defect largest in process shapping u with total defect 162 fruit with the percentage 57,4 % of overall flaw that occurs in november - december 2013. Level processing ability ( process capabilities ) during november - december 2013 is worth cp = 0,63 cpk while = 0.62 and for measurements level sigma be on a level with dpmo 3.04 of 60737,23. Level sigma now in the boiler but for processing ability in a state of doggerel.To increase level sigma needed a long while.Failure fashion and effect analysis ( fmea ) of factors causing defect scraped on shapping u the highest. Proposal given to priority is replacement eyes burrs periodically, ragam brace dikasih protective to a workpiece when pinned not tottering and askew. And application of six sigma this must also be conducted stages to get the is better.

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