


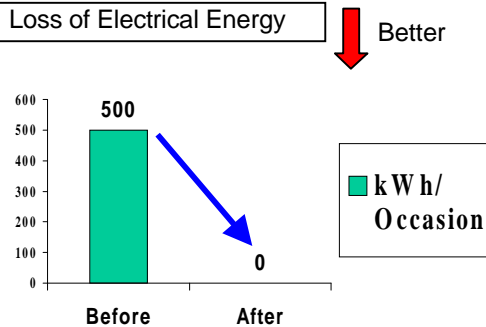
 <p>6th KAIZEN CONFERENCE (PROCESS INDUSTRY)</p>	KAIZEN IDEA -SHEET										Activity KK	JH	QM	PM	SHE	OTPM	DM	ET																				
											Loss No /Step 14																											
	Result Area	P	Q	C	D	S	M		GONTERMANN-PEIPERS (I) LTD																													
Plant: GPIL, Pailan	Machine: Arc Furnace (Melting)																																					
Kaizen Theme: Energy Loss at Arc Furnace	Reduce	Idea: To avoid opening of Arc Furnace roof during metal transfer																																				
Problem /Present status: Considerable Electrical Energy is lost due to opening of furnace roof for liquid metal transfer into the Arc Furnace 	Countermeasure: Transferring liquid metal through a specially designed funnel which sits on the launder of the furnace 										Bench mark 500 kWh / Occasion Target 0 Kaizen start 6/10/04 Kaizen Finish 17/11/04 Team Members: Amit Mukherjee (Melting shop) N Kumar (Melting shop) Badal Ruhidas (Melting shop) Gobinda Mandal (Melting shop) Bapi Naskar (Melting shop)	Benefits: Savings of Energy Cost per annum = Rs.3.75 Lacs (Excluding cost of funnel)																										
Analysis: Why 1: Considerable amount of heat is lost. Why 2: Heat is lost due to opening of roof for transferring liquid metal into the Arc Furnace. Root Cause : Opening of Arc Furnace roof is the Root Cause.	Results: Loss of Electrical Energy ↓ Better 										Scope & plan for Horizontal Deployment <table border="1"> <thead> <tr> <th>S No</th> <th>M/c No.</th> <th>Target date</th> <th>Responsibility</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>Not Applicable</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								S No	M/c No.	Target date	Responsibility	Status				Not Applicable											
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