

LIST OF TABLES

Table 1. 1 Bira problem finding at working process Cutting Plasma January 2020.....	15
Table 1. 3 Bira problem finding at working process Cutting Plasma February 2020.....	16
Table 1. 4 Bira problem finding at working process Cutting Plasma March 2020	17
Table 2. 1 Severity Values	26
Table 2. 2 Occurance Value	27
Table 2. 3 Detection Values	27
Table 2. 4 Comparison of Approach Selection	28
Table 4. 1 Problem at every Activity	37
Table 4. 2 Standard information for Plasma Torch Cable and Plasma TIP	43
Table 4. 3 Loss of Item Replacement.....	44
Table 4. 4 Reuse deduction recap data in January (Reuse A & B)	45
Table 4. 5 Reuse deduction recap data in February (Reuse A & B)	47
Table 4. 6 Reuse deduction recap data in March (Reuse A & B)	48
Table 4. 7 Production Target not achieved because Torch Plasma Cable Broken and Plasma TIP damaged	49
Table 4. 8 Result of Severity value	52
Table 4. 9 Number of Plasma TIP damaged	54
Table 4. 10 Number of Plasma Torch Cable broken.....	56
Table 4. 11 Result of Occurance value	60
Table 4. 12 Result of Detection value	61
Table 4. 13 RPN Value	63
Table 4. 14 Risk Treatment for minimazing Fail Mode.....	64
Table 4. 15 Proposed Design Requirement.....	66
Table 5. 1 Verification of Proposed design result.....	70
Table 5. 2 Company Validation for proposed design requirement	72
Table 5. 3 Comparative of Existing and Proposed condition.....	73
Table 5. 4 Scale of Severity Validation	74
Table 5. 6 Scale of Occurance Validation.....	75

Table 5. 7 Scale of Detection Validation 76