

Title	Improving Compliance with Safety Procedures -Reducing Industrial Violations.doc	
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Executive Summary	<p>Managers need to understand the underlying causes of human errors, and be aware of what they can do to reduce potential errors. Although attention has been given to the classification or quantification of inadvertent or accidental human errors made by operators, there has been little practical advice on how managers can successfully address deliberate breaches, or violations, of safety rules and procedures. But violations of safety procedures are a significant cause of many industrial accidents. Furthermore, violations are a frequent cause of production losses, poor quality and unreliable maintenance - with subsequent costs from poor reliability.</p> <p>This report outlines practical strategies for reducing the potential for violations. It describes the role of violations in the wider context of human error. It summarises the nature of violations, and looks at the important factors that induce them. It shows how to identify violations and what measures to take to reduce or eliminate them.</p> <p>The report shows how to identify violations by selecting rule sets which have the biggest risk for safety and/or production if they are not followed. A structured interview and questionnaire are then given to a selection of the workforce for each rule set. The results from these are used so management can identify which of the 13 solutions are most relevant to their wider potential violation problems. Management can develop detailed action plans to suit their specific problems from the suggestions offered.</p>	
Table of Contents	Human Factors in Reliability Group (HFRG) Violations Sub-Group Acknowledgements Executive Summary Introduction to Human Error The costs of human error to industry..... Increasing public concern over human error The Effect of Violations on Safety and Efficiency What are violations The extent of violations The significance of violations The Management Role Solutions Classifying Violations The need to classify violations Routine violations Situational violations Exceptional violations Optimising violations General factors Basic Strategies for Reducing Violation Potential Towards a solution Reactive or proactive safety management The HFRG Violation Approach Objectives Overview of methodology Identifying the Main Problems Selecting rule	vi vii viii 1 1 2 3 3 4 4 5 6 6 6 7 8 9 9 10 11 12 12 13 13 14 14 15

Understanding the Causes of the Problem	15
The interview	16
Table 1 - Outline for the Interview	16
The checklist	16
Completing the checklist	17
Scoring the question	17
Scoring system	17
Identifying Potential Routes to Solutions	18
Generic avenues for solutions 1.....	8
Selecting Appropriate Solution Av	18
Examples of Completed Questionnaires and Analysis Charts.....	21
Table 2 - Example of completed individual questionnaire	22
Table 3 - Collation of individual questionnaire scores - 10 questionnaires	23
Table 4 - Analysis of questionnaire scores	24
Table 5 - The matrix analysis chart for total scores (from Column A)	25
Table 6 - The matrix analysis chart - number of entries (Column B) ...	26
Table 7 - The matrix analysis chart - number of full mark scores	
(Column C).....	27
Table 8 - Selection of solution avenues for given rule set	28
Recommendations For Solutions.....	29
A Rules and procedures: correct aims and object	29
B Rules and procedures: correct application and presentation	30
C Training: rules and procedures	31
Measuring the effectiveness of training	31
Refresher training needs	31
D Training: hazard awareness and risk perception	32
E Safety commitment: the work	33
F Safety commitment: manage	34
G Supervision: monitoring and detection	35
H Supervision: s.....	36
I Plant and equipment design and modifications	37
J Job design	38
K Working conditions	39
Noise	39
Poor lighting	39
Thermal environment.....	40
PPE.....	
L Logistic sup.....	40
M Rationalise the work organisation.....	41
Appendix 1 - Bibliography	44
Appendix 2 - Blank Questionnaires and Analysis Charts.....	46
Table 2 - To be completed by individual workers	47
Table 3 - Collation of individual questionnaire scores.....	48
Table 4 - Analysis of questionnaire s	49
Table 5 - The matrix analysis chart for total scores (from Column A) .	50
Table 6 - The matrix analysis chart - number of entries (Column B) ...	51
Table 7 - The matrix analysis chart - number of full mark scores	
(Column C).....	52
Table 8 - Selection of solution avenues for given rule set	53
Appendix 3 - The Interview	54
Interview questions	54