



MINISTRY OF DEFENCE

Defence Infrastructure Organisation

SUBJECT: AUTHORISING ENGINEER STANDARD AUDIT REPORT TEMPLATE COMPLETION

Practitioner Guide 03/11

Health and
Safety

Document Aim:

The aim of this Practitioner's Guide is to describe the procedure to be followed for the completion of the Authorising Engineer Standard Audit Report Template.

Document Synopsis:

This document provides guidance for all MOD staff and contractors appointed as Authorising Engineers who are involved with the implementation of JSP 375 Volume 3 Management of Significant Risk Activities on the MOD Estate with regard to the completion of the Authorising Engineer Standard Audit Report Template.





Document Information	
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Reference Documents

A	JSP375 Volume 3 Chapter 2
B	
C	
D	
E	



MINISTRY OF DEFENCE

Defence Infrastructure Organisation

TABLE OF CONTENTS

Foreword

Introduction

- 1. Policy**
- 2. The Authorising Engineer Standard Audit Report**
- 3. AESAR Population Requirements**
- 4. Availability**



Foreword

This Practitioner Guide is published by Defence Infrastructure Organisation for application across all areas of MOD and the Armed Forces and has been written to reflect changes in JSP375 Volume 3 and MOD policy. The use of the Authorising Engineer Standard Audit Template is mandatory for all contracts let after the publication of this document.

INTRODUCTION

1. Policy

1.1 Reference A gives the MOD policy on audit requirements for High Risk Activities.

2. The Authorising Engineer Standard Audit Report

2.1 The Authorising Engineer Standard Audit Report (AESAR) has been designed to capture the data from the various Authorising Engineers (AE) Audits in a standard and consistent format. This format will enable the population of a Dashboard report to the Defence Infrastructure Organisation (DIO) Board on a quarterly basis. The data presented on the Dashboard Report will enable trends to be identified in both good and under performing areas and specifically be able to identify where any shortfall is a result of the Safe System of Work (SSoW) or investment in the infrastructure that the SSoW is in place to operate.

2.2. The AESAR consists of the following spreadsheets to enable the collection and consolidation of the evidence collected during the audit undertaken:

- a. Cover Sheet
- b. Exec Summary
- c. Report
- d. Report Action Plan
- e. Infrastructure Action Plan.
- f. Appendix A.
- h. Appendix B (one for each specific discipline)

Population of each of these will be explained in the following text.

3. AESAR Population Requirements

3.1 Cover Sheet - this is the first spreadsheet to be populated by the AE in the following manner:



- a. Audit Reference - the AE is to enter the audit reference designated by his employer for the audit being undertaken. This information will be automatically replicated on the following spreadsheets in the workbook.
- b. Chapter - the AE is to select the discipline chapter for which he is undertaking the audit from the dropdown menu provided. The selection of the discipline chapter from the dropdown menu automatically amends the questions on the "Report" spreadsheet such that, those not applicable to the discipline, being audited, will not be shown.
- c. Contract - the AE is to select the contract under which the site is being covered from the dropdown menu provided.
- d. MMO - the AE is to select the contract under which the site is being covered from the dropdown menu provided.
- f. Sites covered by this report - the AE is to manually enter the Document Centre and satellite sites covered by the audit. This information will automatically populate areas on the subsequent Appendix A spreadsheet.
- g. Audited By – The AE is to enter his name in this field, it is **not** for the inclusion of an electronic signature.
- h. Date of Audit – the AE is to enter the date that the audit commenced in the format dd/mm/yyyy. This date will also automatically be carried forward to Annex B of the audit workbook to identify the end date of the period being audited.
- i. Date of Previous Audit - the AE is to enter the date that the previous audit was undertaken in the format dd/mm/yyyy. This date will also automatically be carried forward to Annex B of the audit workbook to identify the start date of the period being audited.
- j. Duration of Audit – the AE is to enter the number of days the audit took to undertake in numerical format.
- k. Qualitative and Quantative Assessments – The remainder of the boxes on this spreadsheet are automatically calculated from the following spreadsheets in the workbook and information cannot be manually entered.
- l. Distribution – a list of people has been provided however, these can be amended in line with the AE's employer's requirements. This section has been formatted such that the cell heights can be increase and additional space can be gained by pressing "Alt" & "Return" after the text in a cell.

3.2 Exec Summary – this spreadsheet is to be populated by the AE in the following manner:

- a. Qualitative Assessment – the AE is, following completion of the audit, determine whether they consider the operation of the SSoW adopted on site is either "Safe to continue", "Safe to continue with caveats" or "Unsafe to continue". This is indicated by marking one of the bullets adjacent to the three criteria. In arriving at this decision the AE may find that their qualitative assessment varies from that identified from the quantitative assessment generated by the report for instance, the quantitative assessment may indicate that the processes and procedures are being undertaken satisfactorily but, there are issues with, for instance:
 - i. a specific asset or piece of equipment which causes them concern.



ii. a specific issue that is not addressed by the discipline chapter SSoW.

b. Significant Issues & Caveats – Where the AE has identified, in their qualitative assessment, that the system is either “Safe to continue with caveats” or “Unsafe to Continue” the AE is to provide the reasons for this assessment. Additionally, the AE may add additional significant issues identified during the audit. This field is free text format and has the capacity to be expanded in size by increasing the row height and the format cell function is available to allow the AE to allow “word wrapping”. Information should not be added by using copy and paste directly from other sources (such as Microsoft Word) as this causes the cell to become locked and the ability to format is lost however, two blank spreadsheets have been added at the end of the workbook to facilitate copying and pasting from external sources or to type into and undertake spell checking. The information can then be copied into the relevant section of the report.

c. Authorised Persons – The AE is to enter the number of Authorised Persons (APs) required to discharge the requirements of the discipline on the site together with, the number of APs employed in the boxes provided. These entries are to be made in numeric format.

d. Next Audit Date – the AE is to enter the number of months until the next audit in numeric format. Once this has been entered, the date (in month/year format) will be automatically be generated.

e. Next Review Date – the AE is to enter the number of months until the next review in numeric format. Once this has been entered, the date (in month/year format) will be automatically be generated.

3.3 Report – this spreadsheet forms the main body of the audit report and provides the quantitative assessment and evidence. The report is split into six areas covering the APs through to the site systems and equipment visited during the audit. Having entered the discipline on the “Cover Sheet” the AE will have only those questions related to that discipline showing in the question sets. For each question the AE is to populate the adjacent cells as follows:

a. Requirement – each requirement is to have one of the bullets beneath “Not Applicable”, “Not Assessed”, “Satisfactory”, “Observation”, “Minor NC” or “Major NC” marked.

i. Not Applicable – this bullet should be marked if the particular check/requirement is not required i.e. Fire Training.

ii. Not Assessed – this bullet should be marked if the evidence to support the question is not available i.e. the AP does not have their logbook available.

iii. Satisfactory – this bullet should be marked if, in the opinion of the AE, the evidence provided/identified fully supports the requirement.

iv. Observation – this bullet is to be marked if the AE considers the requirement is being met however, improvements could be made or a change is predicted in the future requiring work to be undertaken.

v. Minor NC – this bullet should be marked if the AE identifies that there is a shortfall in the requirement and an action is required to rectify the issue.

vi. Major NC – this bullet should be marked if the AE identifies a significant flaw or omission that requires urgent rectification

b. Observation – where the AE has marked the observation bullet they are to enter details of the observation in this column. Additionally, the AE may use this field to highlight good work being undertaken. This field is free text format and has the capacity to be expanded in size by increasing the row height and the format cell function is available to allow the AE to



allow “word wrapping”. Information should not be added by using copy and paste directly from other sources (such as Microsoft Word) as this causes the cell to become locked and the ability to format is lost however, two blank spreadsheets have been added at the end of the workbook to facilitate copying and pasting from external sources or to type into and undertake spell checking. The information can then be copied into the relevant section of the report.

c. Non-conformance – where the AE has marked either a minor or major non-conformance they are to enter details in this column. This information will be automatically copied to the Report Action Plan spreadsheet. This field is free text format and has the capacity to be expanded in size by increasing the row height and the format cell function is available to allow the AE to allow “word wrapping”. Information should not be added by using copy and paste directly from other sources (such as Microsoft Word) as this causes the cell to become locked and the ability to format is lost however, two blank spreadsheets have been added at the end of the workbook to facilitate copying and pasting from external sources or to type into and undertake spell checking. The information can then be copied into the relevant section of the report..

d. Action Required – where the AE has marked either a minor or major non-conformance they are to enter details of the required action in this column. This information will be automatically copied to the Report Action Plan spreadsheet. This field is free text format and has the capacity to be expanded in size by increasing the row height and the format cell function is available to allow the AE to allow “word wrapping”. Information should not be added by using copy and paste directly from other sources (such as Microsoft Word) as this causes the cell to become locked and the ability to format is lost however, two blank spreadsheets have been added at the end of the workbook to facilitate copying and pasting from external sources or to type into and undertake spell checking. The information can then be copied into the relevant section of the report.

e. Remarks – where the AE wants to add additional information in support of b, c and d above OR wishes to identify good practices or exceptional work being undertaken by the AP they may utilise this column. This field is free text format and has the capacity to be expanded in size by increasing the row height. Information should not be added by using copy and paste directly from other sources (such as Microsoft Word) as this causes the cell to become locked and the ability to format is lost however, two blank spreadsheets have been added at the end of the workbook to facilitate copying and pasting from external sources or to type into and undertake spell checking. The information can then be copied into the relevant section of the report.

3.4 Report Action Plan – on completion of the “Report” spreadsheet any non-conformances and actions will have been automatically copied onto the “Report Action Plan” spreadsheet. Where an action has been copied to the Report Action Plan and the details are too large to be viewed, the spreadsheet has been formatted such that, the row height can be increased to accommodate the text and make it fully visible. The AE is to undertake the following where an action has been identified:

a. NCR Number – in the “NCR Column” enter the unique Non-conformance Reference number, this may be entered in the format utilised by the MMO.

b. By Whom – in this column the AE is to identify the person responsible for undertaking the action.



- c. Organisation – in this column the AE is to populate the cell from the dropdown menu with either MMO for actions that can be undertaken by the Maintenance Management Organisation without further redress or SETL where the action requires additional funding or is only dischargeable by DIO. Where the AE selects “SETL”, as the organisation responsible for the action, the action will be automatically copied to the Infrastructure Action Plan spreadsheet.
- d. Date Due – the AE is to enter the date for when the action is to be completed (in dd/mm/yy format). For ongoing actions where it may be the reoccurrence of an activity the AE may set a longer time period in order to facilitate this (but this must be by exception) or they amend the date on future action plans if the occurrence has not happened.
- e. Date Completed – the AE is to enter the date for when the action was actually completed (in dd/mm/yy format).
- f. Initials – the AE is to enter their initials in this cell once the action has been completed.
- g. Status – the AE is to populate this cell from the dropdown menu and select either 0 for “in date”, 1 for “Complete” or 2 for “overdue”.
- h. Section 6 (Site, Systems, Installations and Equipment Inspections) – *JSP375 Volume 3 Chapter 2 states “Physical inspection element – This inspection is undertaken with the primary purpose of verifying the AP is operating in compliance with the relevant chapter of JSP 375 Volume 3. This may give rise to secondary ‘Duty of Care’ observations.”* This section of the audit report is provided in order that the AE can record the details of the facilities visited with the Authorised Person(s) during the audit. It has been formatted such that the AE can enter the details of the areas and equipment visited and specific parts of the equipment. Once these ‘headings’ are entered they automatically populate the corresponding section in the “Report Action Plan”. The remainder of the columns associated with these operate in the same way as described above.

On subsequent audits the AE is to copy the actions from the previous report into the “Report Action Plan” BELOW the red line. The cells below this line are enabled to allow entry and can be realigned accordingly as described above.

3.5 Infrastructure Action Plan – this spreadsheet will only be populated when the AE has selected “SETL”, for an action identified, in the “Organisation” column on the preceding “Report Action Plan” spreadsheet. The AE is not required to enter any data on this spreadsheet however, where an action description is too large for the cell the spreadsheet has been formatted such that the row height can be increased to accommodate the text and make it fully visible additionally, the format cell function is available to allow the AE to allow “word wrapping”.

3.6 Appendix A – this spreadsheet is provided to enable the AE to record information and evidence with regard to the AP(s) they are assessing during the audit. The spreadsheet has been formatted such that the row height can be increased to accommodate the text and make it fully visible additionally, the format cell function is available to allow the AE to allow “word wrapping”.

3.7 Appendix B (one for each discipline) – these spreadsheets are not mandatory however, it is provided to enable the AE to record their findings with regard to the safety documentation raised since the last audit. If utilised, the dates entered on the cover sheet are carried forward to set the period for which the audit has been undertaken. These spreadsheets have been formatted such that it is not protected and therefore all functionality within Excel is available.



MINISTRY OF DEFENCE

Defence Infrastructure Organisation

3.8 Blank & Blank (2) – these spreadsheets have been included to allow the AE to use them for copying information from other software packages (i.e. Word) and then subsequently copy the text into the remainder of the report. Alternatively the AE may wish to use this sheet for making additional notes with respect to the audit undertaken. If this is the case these notes should be annotated in the body of the report in the relevant places.

4. Availability

4.1 Copies of the AESAR are available from Andrew Parker, DSAA Confined Spaces, contact details as contained in the 'Document Information' section on page 2 of the PG.