



Asset Information Requirements (AIR)

Template

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Introduction

The Asset Information Requirements (AIR) defines the information required to operate and maintain an asset in line with the Organization's Information Requirements (OIR).

The purpose and context of the Asset Information Requirements (AIR) is to capture essential information at the Capital Expenditure (CAPEX) phase of the project. The information that is successful documented in the AIR will provide the golden thread to the operating, maintaining, replacing and/or for the end of life (decommission of the asset facility), the Operation Expenditure (OPEX).

1 Maintainable assets

1.1 Schedule of maintainable assets

< Identify your organizations maintainable assets, these are the assets that the below information requirements relate too.>

2 Information requirements

<Use this section to define the information requirements specific to the operation of the asset.>

2.1 Data structure

<Provide a description of how the information should be structured to maximize the benefit for the management of the asset.>

2.2 Asset Information Requirements (AIR)

< Define the information required to support each asset operation activity.>

2.2.1 Maintenance

<Specify what information is required to assist with both proactive and reactive maintenance>.

Table 2.1: Maintenance information requirements

Operation activity	Policy or external influencer	Information requirements	Information container	Exceptions	Acceptance criteria
<Insert operation activity>	<Insert policy or external influencer.>	<Insert information requirements>	<Insert information container.>	<Insert exceptions.>	<Insert acceptance criteria.>

2.2.2 Sustainability

<Specify the information required for the organizational sustainability objectives.>

Table 2.2: Sustainability information requirements

Operation activity	Policy or external influencer	Information requirements	Information container	Exceptions	Acceptance criteria
<Insert operation activity>	<Insert policy or external influencer.>	<Insert information requirements>	<Insert information container.>	<Insert exceptions.>	<Insert acceptance criteria.>

2.2.4 Asset operation efficiency

< Specify the information required from the constructed asset to be able to assess operational efficiencies.>

Table 2.3: Operation information requirements

Operation activity	Policy or external influencer	Information requirements	Information container	Exceptions	Acceptance criteria
<Insert operation activity>	<Insert policy or external influencer.>	<Insert information requirements>	<Insert information container.>	<Insert exceptions.>	<Insert acceptance criteria.>

3 Information standards, information production methods and procedures

<Outline the purpose of the information standards, information production methods and procedures for the project.>

3.1 Information standards

<Define the information standards that are to be adhered to on this project.>

3.1.1 Information management standards

<Define both the internal and external standards that all project information production and management should adhere to. These should be reflected within the main body of the document.>

3.1.2 Asset identification

<Provide references to standards that define asset identification conventions that are to be adhered to on this project.>

3.1.3 Asset Information Model (AIM) deliverables

<Describe the Asset Information Model (AIM) deliverables. This should include requirements for interoperability with existing asset operation systems.>

3.1.4 Information classifications

<If any information classifications have been identified on the project, then provide reference of any classification standards that security metadata should adhere to.>

3.2 Information production methods and procedures

3.2.1 Soft landings

<Define an overview of the expectations for of post occupation evaluation and monitoring.>



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