

# ASAM Inspection Rating System 101

ASAM Time Based Priority Ratings		
Colour	Priority rating	Definition
	0	<b>Urgent attention required:</b> Personnel safety is compromised carrying out routine operations; water quality places the consumers at risk; structural defects requiring costly reinstatement if left unattended.
	1	<b>1 year : Is in poor condition or otherwise non functional</b> Will not place the day-to-day operations at risk. Dealing with security, safety, water quality and structural defects likely to cause further damage if not rectified within one year.
	2	<b>2 years : Item is to receive precedence during maintenance</b> Coating defects, entry hatches, platforms, safety rails, roofing, ladders, pipework and supports.
	3	<b>3 years : Item is functional but is deteriorated/not in operational order</b> Structural and coating maintenance to preserve the effective asset life. Additions that can be carried out as finances permit.
	4	<b>4 years : Item is in good condition</b> Items likely to remain structurally sound for at least 4 years, based on past experience of the asset. Includes roofing, ventilation, vermin proofing and concrete structures in good condition.

Status Indicators	
A	Attention is required
F	Re-assessment or monitoring is required (Flagged)
D	Deferred until the next inspection

8 Standardised Categories to Distinguish Ratings		
	0A	Urgent works required. Consider taking tank off line until rectification works can be completed. (eg. Roof or ventilation holes and bird/vermin activity and/or faecal material found in tank, roof supports structurally unsound, vandal activity observed on tank roof)
	1A	Priority works required (eg. Entry hatch without a raised or sealed edge, allowing roof drainage to enter, vent mesh or roof sheeting holes, )
	2A	Works required to fix an issue before it escalates to a more urgent level (eg. Roof sheets unsecured at edge, rotating vents seized, large sized tree debris found on tank roof)
	2F	An issue has been identified and requires planning (eg. The entry hatch is made of light weight material and could be damaged by determined persons, an overhanging tree)
	3F	An issue with the item has been noted and needs to be planned for future works (eg. handrails are showing signs of corrosion, but not impacting the structure)
	3D	An issue has been noted but rectification works unlikely to be performed within 3 years (eg. slight weepage noted in external wall, sketch plate corrosion)
	4F	All OK but management need to be aware (eg. graffiti on external areas of compound)
	4D	All areas are OK and to be reassessed at next 4 yearly inspection