

DESCRIPTION:	SCE Inspection	FREQUENCY:	
LOCATION:	Various	STANDARD JOB No.:	

SCOPE

Inspect & complete minor repair work to ensure ongoing functionality and compliance of Safety Critical Equipment (SCE). These SCE include:

- HND - Handrail
- GTE - Gates
- PTF - Platforms
- LAD - Ladders
- STA - Stairs

REQUIREMENTS

- Complete inspection of safety critical equipment as per the below Task Lists.
- Record each individual equipment inspected in the Schedule of Results and document condition score for each.
- Provide photo of each equipment inspected.
- Document overall condition score for each grouping (e.g. handrails, gates, ladders etc.).
- Perform minor repair works through Find & Fix where applicable (e.g. using zinc rich epoxy paint for minor corrective works to hot dip galvanized equipment).
- Provide photos of all defects as well as any documenting any repair work completed.
- Raise requests for any further corrective work required.
- Report any observed non-compliances with safety critical equipment.

WORK ORDER DETAILS

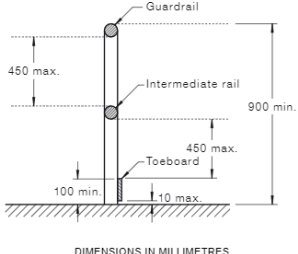
Work Order & Inspector Details			
Work Order Number:			
Location			
Name:		Date:	
Signature:		Company Name:	

INSPECTION

Complete inspection task list for each equipment type and fill in schedule of results and condition scores. Condition Score can be found in the table at the end of the form, any observed non-compliant equipment must be ranked condition 5. Document any defects and repair works completed. Localised defects should be repaired through Find & Fix where possible. If the repairs cannot be completed with Find & Fix activities, then raise a request to Urban Utilities for corrective maintenance activity.

HANDRAILS

Task List:

Task List	Acceptable Limit	Pass/Fail? (As Found)	Rectified with Find & Fix work?
Visual check for corrosion of handrails and kickplates	Minimal corrosion If coating is applied, ensure coating is in good condition and not flaking/bubbling.	Pass / Fail	Yes / No
Check for damage on handrails and kickplates	No damage to structure/components	Pass / Fail	Yes / No
Visual check to ensure welds are complete and intact (full circumference and every stanchion)	Welds are complete and are in good condition	Pass / Fail	Yes / No
Visual check mounting hardware is not corroded or damaged	Minimal corrosion No damage to structure/components	Pass / Fail	Yes / No
Check for missing bolts and tightness of connections to structure	No bolts missing and fixings are secure	Pass / Fail	Yes / No
Inspect handrail and measure height of handrail (from base to top rail) to ensure compliance If kickplate is present, measure height (from base to top) to ensure compliance	 <p>DIMENSIONS IN MILLIMETRES</p> <p>FIGURE 6.1 TYPICAL GUARDRAILING—KEY DIMENSIONS</p>	Pass / Fail	Yes / No

Schedule of Results:

Fill in results for each individual equipment inspected. Fill in condition score using provided condition table. Corrective Work Activities are required where condition score is 3-5.

Description	Condition Score	Comments
<i>e.g. handrails bioreactor 1</i>	1 – 5	Note any defects / works completed/ non-compliances

Overall Condition Score:

Fill in overall condition score using the provided condition table. Corrective Work Activities are required where condition score is 3-5.

Task	Condition	Comments / defects
Overall condition of Handrails? (Rank 1 – 5)		
	Photo Number:	

GATES

Task List

Task List	Acceptable Limit	Pass/Fail? (As Found)	Rectified with Find & Fix work?
Visual check for corrosion	Minimal corrosion	Pass / Fail	Yes / No
Check for damage	No damage to structure/components	Pass / Fail	Yes / No
Perform function testing hinges (range of motion) and locking mechanisms. Check self-closing gates automatically shut.	Equipment functions as per requirements.	Pass / Fail	Yes / No
Visual check to ensure welds are complete and intact	Complete welds around component and minimal corrosion	Pass / Fail	Yes / No
Visual check mounting hardware is not corroded or damaged	Minimal corrosion No damage to structure / components	Pass / Fail	Yes / No
Check for missing bolts/tightness of connections to structure	No bolts missing and fixings secure	Pass / Fail	Yes / No

Schedule of Results:

Fill in results for each individual equipment inspected. Fill in condition score using provided condition table. Corrective Work Activities are required where condition score is 3-5.

Description	Condition	Comments

Overall Condition Score:

Fill in overall condition score using the provided condition table. Corrective Work Activities are required where condition score is 3-5.

Task	Condition	Comments / defects
Overall condition of Gates? (Rank 1 – 5)		
	Photo Number:	

PLATFORMS

Task List

Task List	Acceptable Limit	Pass/Fail? (As Found)	Rectified with Find & Fix work?
Visual check for corrosion	Minimal corrosion	Pass / Fail	Yes / No
Check for damage	No damage to structure/components	Pass / Fail	Yes / No
Check for build-up of debris on platforms and walkway	No debris on platforms	Pass / Fail	Yes / No
Check for missing bolts/walkway clamps	No bolts/walkway clamps missing. Connections to structure to be secure.	Pass / Fail	Yes / No
Visual check mounting hardware is not corroded or damaged	Minimal corrosion No damage to structure/components	Pass / Fail	Yes / No

Schedule of Results:

Fill in results for each individual equipment inspected. Fill in condition score using provided condition table. Corrective Work Activities are required where condition score is 3-5.

Description	Condition	Comments

Overall Condition Score:

Fill in overall condition score using the provided condition table. Corrective Work Activities are required where overall condition score is 3-5.

Task	Condition	Comments / defects
Overall condition of Platforms? (Rank 1 – 5)		
	Photo Number:	

LADDERS

Task List:

Task List	Acceptable Limit	Pass/Fail? (As Found)	Rectified with Find & Fix work?
Visual check for corrosion of ladder and ladder cage	Minimal corrosion If coating is applied, ensure coating is in good condition and not flaking/bubbling.	Pass / Fail	Yes / No
Check for damage	Minimal damage to structure/components	Pass / Fail	Yes / No
Visual check mounting hardware is not corroded or damaged	Minimal corrosion	Pass / Fail	Yes / No
Check for missing bolts/tightness of connections to structure	No bolts missing and fixings secure	Pass / Fail	Yes / No

Schedule of Results:

Fill in results for each individual equipment inspected. Fill in condition score using provided condition table. Corrective Work Activities are required where condition score is 3-5.

Description	Condition	Comments

Condition Score:

Fill in overall condition score using the provided condition table. Corrective Work Activities are required where overall condition score is 3-5.

Task	Condition	Comments / defects
Overall condition of Ladders? (Rank 1 – 5)		
	Photo Number:	

STAIRS**Task List:**

Task List	Acceptable Limit	Pass/Fail? (As Found)	Rectified with Find & Fix work?
Visual check for corrosion	Minimal corrosion	Pass / Fail	Yes / No
Check for damage	No damage affecting structural integrity of structure or components	Pass / Fail	Yes / No
Inspect non-slip items (nosings) are in good condition	Nosings still provide non-slip properties and not faded	Pass / Fail	Yes / No
Check for missing bolts/tightness of connections to structure	No bolts missing and fixings secure	Pass / Fail	Yes / No

Schedule of Results:

Fill in results for each individual equipment inspected. Fill in condition score using provided condition table. Corrective Work Activities are required where condition score is 3-5.

Description	Condition	Comments

Condition Score:

Fill in overall condition score using the provided condition table. Corrective Work Activities are required where overall condition score is 3-5.





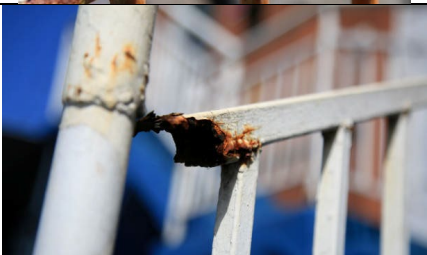
Task	Condition	Comments / defects
Overall condition of Stairs? (Rank 1 – 5)		
	Photo Number:	

COMMENTS / ADDITIONAL WORK REQUIRED

- Document any Find & Fix work completed.
- Note any additional work required and raise a request for corrective maintenance activity.

CONDITION SCORE TABLE

Condition Score		Steel Inspections
<u>1</u>	Very Good Condition. It is stable, no additional work required. Advise normal or extended maintenance interval.	As new with no defects/damage. No rust stains, coating intact.
<u>2</u>	Good Condition. Only used where repair/replacement work is completed as per job instructions Now it is stable and safe.	Minor rust stains, minor coating blistering, minor chalking, speckled rust or surface corrosion to < 10% of total surface area.
<u>3</u>	Fair Good Condition. Signs of degradation or uncompleted tasks. Schedule for re-inspection is recommended; or Part repair/replacement is required (Planned Corrective in 3-9 months); or Whole asset renewal/rehabilitation is recommended within a timeframe of 3-5 years. Work request notification shall be submitted.	Obvious coating degradation including minor substrate adhesion failure and/or minor inter coat adhesion failure and more advanced chalking of top coat and/or speckled rust/surface corrosion of base metal to 10-30% of surface area, especially at welds and along edges.
<u>4</u>	Poor Condition. Likely to fail. Part repair/replacement is required (Planned Corrective in 1-3 months); or Whole asset renewal/rehabilitation is recommended within a timeframe of 1-3 years. Work request notification shall be submitted.	Complete loss of coating for <50% of surface area, metal corrosion depth <10% of element thickness.
<u>5</u>	Unserviceable or breach of regulation or business requirement - requires URGENT attention. Repair/replacement is required as soon as possible (Planned Corrective in 1-4 weeks); or Whole asset renewal/rehabilitation is recommended within a timeframe of 6-12 months. Work request notification shall be submitted; or Make safe and report ASAP (arrange Responsive or Urgent Planned Corrective work order).	Metal corrosion depth >30% of element thickness, complete coating loss >50% surface area. Rehabilitation or renewal required immediately.

Corrosion Photos Examples		Condition Score
		As new condition 1
		Minimal corrosion 2
		Moderate corrosion 3
		Major corrosion 4
		Severe corrosion (e.g., complete section loss) 5