



**PROJECT:**

**EPIC FOR Upgrade of Port Control 1**

**CONTRACT NO:**

**GT17106300**

**DOCUMENT NO:**

**4033-RPBTY-9-A-25-0002**

SL NO.	ACTIVITY DESCRIPTION	INSPECTION TEST METHOD	INSPECTION/ TEST FREQUENCY
<b>1. General</b>			
1.1	Approval of documents	Visual / Document Review	Prior to Start of work
<b>2. Material Delivery - Site Inspection</b>			
2.1	Material Receiving Inspection and MTC Review	Visual / Document Review	On Delivery to site
<b>3. Internal Surface Painting- Internal walls, Ceiling, soffits and Steel doors, frames</b>			



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SL NO.	ACTIVITY DESCRIPTION	INSPECTION TEST METHOD	INSPECTION/ TEST FREQUENCY
3.1	<b>Mock Up</b> Internal Painting - 600 x 600 mm or larger, applied in-situ walls, for QP selection and approval (adherence to below procedure)	Visual	Prior to Start of the Activity
3.2	<b>Surface preparation</b> <b>1)Concrete surfaces:</b> Removal of loose and damaged paint, sanding on existing paint/plastered/rendered surfaces as recommended by selected paint manufacturer/painting system.	Visual	Each work area



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SL NO.	ACTIVITY DESCRIPTION	INSPECTION TEST METHOD	INSPECTION/ TEST FREQUENCY
0.2	2)For steel door and frame:Surface shall be clean, dry and free from contamination and shall be sanded to remove all polish.	Visual	Each work area
	<b>Primer Application</b> <b>1) Concrete surfaces-</b> For water based surface : 1 coat Acrylic Primer -For oil based surface : 1 coat Enamel Primer		



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3.3	2) Steel doors and frames : 1 coat pengaurd primer	Visual	Each work area



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3.4	<b>Stucco application</b> -For water based surface : 2 coats stucco -For oil based surface : 2 coat stucco	Visual	Each work area
	<b>Paint Application</b> <b>1. Concrete surfaces</b> – 2 coats Washable acrylic silk emulsion paint		



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SL NO.	ACTIVITY DESCRIPTION	INSPECTION TEST METHOD	INSPECTION/ TEST FREQUENCY
3.5	<b>2. For steel doors and frames</b> - 2 coats of Hardtop XP	Visual	Each work area
<b>4. External Surface Painting</b>			
4.1	<b>Mock Up</b> External Painting - 1200 x 1200 mm or larger, applied in-situ walls, for QP selection and approval (adherence to below procedure)	Visual	Prior to Start of the Activity



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SL NO.	ACTIVITY DESCRIPTION	INSPECTION TEST METHOD	INSPECTION/ TEST FREQUENCY
4.2	<b>Surface prepration</b> Remove existing painting on external plastered/rendered surfaces as recommended by selected paint manufacturer/painting system.	Visual	Each work area
4.3	<b>Primer Application</b> 1 coat Acrylic Primer/Sealer	Visual	Each work area



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4.4	<b>Paint Application</b> 2 coats Acrylic emulsion exterior paint, elastomeric, anti-carbonation	Visual	Each work area
<b>5. Final Inspection</b>			
5.1	Final Inspection	As per requirement	Complete area/ room/floor

W=WITNESS CHECK : RFI to be issued for client approval. Work may proceed beyond 'W' if Client Repre:  
H=HOLD POINT : RFI to be issued for Client approval. No work shall proceed beyond 'H' point withoi



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SL NO.	ACTIVITY DESCRIPTION	INSPECTION TEST METHOD	INSPECTION/ TEST FREQUENCY
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S= SURVEILLANCE : Client / Others may carryout surveillance of work in progress on an unscheduled b  
R=REVIEW : The document to be submitted to client for review and approval.

# CTION AND TESTING PLAN (ITP) FOR AL AND EXTERNAL PAINTING WORKS



Power and Systems at RLIC

ISO 9001,ISO 14001 &OHSAS  
COMI

REV

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REFERENCE DOCUMENT	ACCEPTANCE CRITERIA	VERIFYING DOCUMENTS	VERIFICATION PERSONALS
Project Specifications	Compliance with Project Specs	Approval for MAR- material and source	Site Engineer, QA/QC Engineer
Approved MAR	Compliance with MAR and Material Delivery note	MIR (AMC/LC17100200/MIR/001, Rev. 0/ 20.03.2018), Delivery note,(MTC if applicable)	Site Engineer, QA/QC Engineer

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REFERENCE DOCUMENT	ACCEPTANCE CRITERIA	VERIFIYING DOCUMENTS	VERIFICATION PERSONALS
AFC drawings,Approved MS and QCS 2014 Section 26	Compliance with Project Specs	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Site Engineer, QA/QC Engineer
Approved MS, drawings and QCS 2014 Section 26	Suitable finish for application of primer, Moisture Content<12%	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Site Engineer, QA/QC

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and QMS 2014 Section 20 Part 2 Clause 2.3.1	Suitable finish by removal of all polish from the surface	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List (AMCC- MECH-008)	Engineer
AFC drawings,Approved MS and QCS 2014	Dry flim thickness of 30 micron, min 24 hours drying time for each coat	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Site Engineer,

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<p>MO and QCC 2014</p> <p>Section 26 Part 3 Clause 3.2</p>	<p>Dry flim thickness of 30 micron, min 4 hours drying time for over coat at 23deg Celcius substrate temperature</p>	<p>RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List (AMCC-MECH-008)</p>	<p>QA/QC Engineer</p>

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AFC drawings,Approved MS and QCS 2014 Section 26 Part 3 Clause 3.4.1	Dry flim thickness of 100 micron/coat, min 24 hours drying time for each coat	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Site Engineer, QA/QC Engineer
AFC drawings,Approved MS and QCS 2014	Sanding on Stucco for suitable finish, Dry film thickness of 40 micron/coat, min 24 hours drying time for each coat	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Site Engineer,

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MS and QCS 2014 Section 26 Part 3 Clause 3.4.1	Dry flim thickness of 60 micron, min 7 hours drying time for over coat at 23deg Celcius substrate temperature	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List (AMCC- MECH-008)	QA/QC Engineer
AFC drawings,Approved MS and QCS 2014 Section 26	Compliance with Project Specs	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Project Engineer, QA/QC Engineer

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REFERENCE DOCUMENT	ACCEPTANCE CRITERIA	VERIFYING DOCUMENTS	VERIFICATION PERSONALS
Approved MS, drawings and QCS 2014 Section 26 Part 2 Clause 2.3.1	Suitable finish for application of primer, Moisture Content<12%	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Project Engineer, QA/QC Engineer
AFC drawings,Approved MS and QCS 2014 Section 26 Part 3 Clause 3.2	Dry flim thickness of 35 micron, min 24 hours drying time for each coat	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Project Engineer, QA/QC Engineer



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AFC drawings,Approved MS and QCS 2014 Part 3 Clause 3.4.1	Dry film thickness of 140 micron/coat, min 24 hours drying time for each coat	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Engineer, QA/QC Engineer
AFC drawings,Approved MS and QCS Section 26 2014	Ensure all MEP works are completed before final coat. No physical defects should be found on all finished paint surfaces.	RFI (AMC/LC17100200/RFI/001, Rev. 0 , Issued Date: 06.03.2018), Painting Check List	Project Engineer, QA/QC Engineer, MEP Engineer

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REFERENCE DOCUMENT	ACCEPTANCE CRITERIA	VERIFIYING DOCUMENTS	VERIFICATION PERSONALS
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**18001 CERTIFIED GRADE A  
ANY**

**Date: 12/09/2018**

**INSPECTION  
INTERVENTION POINTS**

AMC	TPL	QP
H	—	W/R
H	—	W/R



**18001 CERTIFIED GRADE A  
PANY**

**Date: 12/09/2018**

**INSPECTION  
INTERVENTION POINTS**

AMC	TPL	QP
H	—	H
H		W



**18001 CERTIFIED GRADE A  
MILK**

**Date:** 12/09/2018

**INSPECTION  
INTERVENTION POINTS**

AMC	TPL	QP



**18001 CERTIFIED GRADE A  
ANY**

**Date: 12/09/2018**

**INSPECTION  
INTERVENTION POINTS**

<b>AMC</b>	<b>TPL</b>	<b>QP</b>
<b>H</b>	<b>—</b>	<b>W</b>



**18001 CERTIFIED GRADE A  
PANY**

**Date: 12/09/2018**

**INSPECTION  
INTERVENTION POINTS**

AMC	TPL	QP
H	—	W



**18001 CERTIFIED GRADE A  
ANY**

**Date: 12/09/2018**

**INSPECTION  
INTERVENTION POINTS**

AMC	TPL	QP
H	—	W
H	—	H





**18001 CERTIFIED GRADE A  
ANY**

Date: 12/09/2018

INSPECTION INTERVENTION POINTS		
AMC	TPL	QP
H	—	W
H	—	W



**18001 CERTIFIED GRADE A  
MILK**

**Date: 12/09/2018**

**INSPECTION  
INTERVENTION POINTS**

<b>AMC</b>	<b>TPL</b>	<b>QP</b>
H	—	W
H	—	H



**18001 CERTIFIED GRADE A  
MILK**

**Date: 12/09/2018**

**INSPECTION  
INTERVENTION POINTS**

<b>AMC</b>	<b>TPL</b>	<b>QP</b>
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