



بلدية الفجيرة
FUJAIRAH MUNICIPALITY

**FUJAIRAH MUNICIPALITY CONSTRUCTION MATERIAL
RESEARCH LABORATORY**

Procedure for Test Approvals

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CMRL-P-23

Document Name

Procedure for Test Approvals

CONTROLLED



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Procedure for Test Approvals

APPROVAL

The signatures below certify that this procedure has been reviewed and accepted, and demonstrates that the signatories are aware of all the requirements contained herein and are committed to ensuring their provision.

	Name	Signature	Position	Date
Prepared by	Engr. Rahana		Quality Manager	12-10-2023
Reviewed by	Engr. Rahana		Chief of lab	12-10-2023
Approved by	Engr. Rahana		Chief of lab	12-10-2023

AMENDMENT RECORD

This procedure is reviewed to ensure its continuing relevance to the systems and process that it describes. A record of contextual additions or omissions is given below:

Page No.	Context	Revision	Date
1-6	FMBL TO CMRL	01	12-10-2023

COMPANY PROPRIETARY INFORMATION

The electronic version of this procedure is the latest revision. It is the responsibility of the individual to ensure that any paper material is the current revision. The printed version of this procedure is uncontrolled, except when provided with a document reference number and revision in the field below:

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Procedure for Test Approvals

Table of Contents

1	Purpose	4
2	Scope	4
3	Responsibility	4
4	Definitions	5
5	Procedure.....	5
5.1	Steps for Procedure for Test approvals for Private Laboratories.....	5
6	Forms & Records	7



1 Purpose

The purpose of this procedure is to review the Procedure Test approvals applied by Consultant/client and This procedure ensures that:

- To ensure quality services for Testing approvals and maintain the quality standards as per requirement of Client/Consultant
- To keep the quality testing are within compliance the specification's and confirming the quality being maintained

This procedure also describes the activities that take place and should there be subsequent amendment to a customer's order and requirements to conform to the requirements of ISO/IEC 17025 and this laboratory's management system.

2 Scope

This procedure applies to laboratory testing activities that is defined in the Scope of Accreditation document as below:

- Cube testing
- Concrete Block testing
- Aggregate testing
- Soil testing (Density and Proctor)
- Steel Testing (Tensile, Chemical, Bend and Re-bend)
- Chemical testing
- Plate load testing
- CBR Test
- Static & Dynamic pile Load Test
- Pile Integrity Test
- Soil Investigation

3 Responsibility

Top Management: Provide the services for test approval to apply by Consultant

Cashier: Verify & update the payment for customer

Laboratory Personnel (Technician): Ensure and verify that all attachments are completed and do the testing works

Chief of Lab: Verify and double check all testing works and issue the final report

Department admin: Follow these services. Maintain records as evidence that these services are being followed.



4 Definitions

Procedure for Test approvals for Private laboratories: describe as request procedure for testing approval of Private laboratories with NOC's approval of CMRL

5 General Procedure

5.1 Steps for Procedure for Test approvals for Private Laboratories

- Registration to Fujairah Municipality prior to get Username and Password for Portal access in website E-services online application (company will apply)
- Apply online (<https://portal.fujmun.gov.ae/OnlineEservices/en/eService/ServicePages>) with the following appropriate documents attachments prior to NOC approval (see General procedure for NOC from Doc No. CMRL -P-22 pages 5-6) (company will apply)
- Apply online (<https://portal.fujmun.gov.ae/OnlineEservices/en/eService/ServicePages>) with the following appropriate documents attachments based on the testing required: (Consultant will apply)
 1. Cube Testing
 - ❖ Request Form filled & stamped by company.
 - ❖ Site plan
 - ❖ Building permit
 - ❖ Concrete Inspection Report approval (Structural approval from CMRL Building section like foundation, Tie beam, Slab
 - ❖ Concrete Delivery Report from Company
 - ❖ If will apply for 28 days cube testing, 7 days cube test report must attach.
 - ❖ Company trade license
 - ❖ Laboratory NOC from CMRL
 2. Soil Investigation
 - ❖ Request Form filled & stamped by company.
 - ❖ Site plan
 - ❖ Building permit
 - ❖ Laboratory NOC from CMRL
 - ❖ Company laboratory report
 - ❖ Company trade License
 3. Soil Testing (Density and Proctor)
 - ❖ Request Form filled & stamped by company.
 - ❖ Site plan
 - ❖ Building permit
 - ❖ Laboratory NOC from CMRL
 - ❖ Density and Proctor Company laboratory report
 - ❖ Company trade License

Procedure for Test Approvals

- ❖ If will apply to the next layer, must the previous layer report be attached

4. Plate Load Test

- ❖ Request Form filled & stamped by company.
- ❖ Site plan
- ❖ Building permit
- ❖ Laboratory NOC from CMRL
- ❖ Soil report
- ❖ Final layer Density report
- After verification of Technician, Admin CMRL will allow them to pay
- After Payment, CMRL Chief of Lab will issue Test Approval report
- General Fees for Test approval for Private Laboratories are depends upon the type of required test (see Doc. No. REQ- CMRL -QC-13)
- Review of Procedure for NOC's of Companies and Private Laboratories are retained for minimum for 5 years or minimum depends upon on Local Authority requirements.
- Required to attach the Project NOC approved by CMRL when apply for soil investigation report approval. It will trigger to continue the procedure of all type of approval in next reports for approval and to maintain the standard procedure
- General Fees for All Type of Test approval are the following based on DOC no. CMRL /RS/2019

DENSITY (EACH POINT)	100
PROCTOR EACH SAMPLE (EACH SAMPLE)	200
PLATE LOAD (EACH POINT)	500
SIEVE ANALYSIS OF EXTRACTED AGGREGATES	50
LIQUID LIMIT AND PLASTIC LIMIT	100
CBR TEST	250
CHLORIDE AND SULPHATE CONTENT	75
STATIC PILE LOAD TEST (EACH PILE)	60
DYNAMIC PILE LOAD TEST (EACH PILE)	100
PILE INTEGRITY TEST (EACH PILE)	20
CROSS HOLE SONIC LOGGING TEST (800MM DIAMETER)	75
CROSS HOLE SONIC LOGGING TEST (MORE THAN 800MM DIAMETER)	125



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Procedure for Test Approvals

SOIL INVESTIGATION (DEPTH AND NO. OF BOREHOLES)	1/3 OF LAB PRICE
SOIL INVESTIGATION REVISION	500
CUBE CRUSHING STRENGTH (3 CUBES)	50
FLEXURAL STRENGTH OF CONCRETE BEAMS/PRISMS (EACH SAMPLE)	50
CONCRETE CORE TEST (IF NOT POSSIBLE WITH CMRL)	100
ULTRASONIC FOR CONCRETE	50
CONCRETE REBOUND VALUE (HAMMER TEST) (IF NOT POSSIBLE WITH CMRL)	50
CONCRETE WATER PERMEABILITY	100
CEMENT PHYSICAL TEST (EACH SAMPLE)	100
CEMENT CHEMICAL TEST (EACH SAMPLE)	100
STEEL TENSILE TEST (EACH SAMPLE)	100
STEEL CHEMICAL TEST (EACH SAMPLE)	100
STEEL BEND & RE-BEND TEST (EACH SAMPLE)	100
TRIAL PIT FOR SOIL INVESTIGATION	1/3 OF LAB PRICE
BREAKOUT CONCRETE WINDOW (EACH LOCATION)	300
COVER METER SURVEY (EACH POINT)	250
DEPTH OF CARBONATION (EACH POINT)	30
ELECTRO CELL POTENTIAL SURVEY (EACH TEST)	550

6 Forms & Records

All documentation and records generated by the Ensuring Impartiality process are retained and managed in accordance with the Control of Documented Information procedure.

Document Number	Title & Description
REQ – CMRL – QC - 13	Request form for Test approval



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Procedure for Test Approvals

Document Number	Title & Description
CMRL /RS/2019	Price List for CMRL