

إقليم كوردستان - العراق

مجلس الوزراء

وزارة

مديرية عامة

مديرية



Kurdistan Regional Government
Council of Ministers
Ministry of

ههريمی كوردستان - عیراق

ئههجوهمهني وهزيران

ههزارهتي

بهريوهمهرايهتي گشتي

بهريوهمهرايهتي

To / Hawler Construction Labortory
Subject / Material Testing

No.

Date:

Kindly test the materials listed in the table below Regards

Project Name			
Cotractor Name	Project Location		

Form No. (2) Concrete Materials

1. Cement:

Required Tests		<input type="checkbox"/> Physical Tests: <input type="checkbox"/> Setting Time <input type="checkbox"/> Compressive Strength <input type="checkbox"/> Fineness <input type="checkbox"/> Soundness Expansion <input type="checkbox"/> Chemical Tests: <input type="checkbox"/> Loss on ignition <input type="checkbox"/> Insoluble material <input type="checkbox"/> SiO ₂ <input type="checkbox"/> CaO <input type="checkbox"/> Al ₂ O ₃ <input type="checkbox"/> Fe ₂ O ₃ <input type="checkbox"/> MgO <input type="checkbox"/> SO ₃ <input type="checkbox"/> C ₃ A <input type="checkbox"/> L.S.F <input type="checkbox"/> C ₃ S <input type="checkbox"/> C ₂ S <input type="checkbox"/> C ₄ AF			
S	Cement Type*	Producer Company (country)	Production date	Amount in the site (Ton)	Remarks
1					
2					
3					

* Cement Type: may be portland cement, type I (ordinary), II (moderate), III (rapid hardening), IV (low heat), V (sulfate Resistance), white cement or slag , etc.

2. Aggregates:

Required Tests		<input type="checkbox"/> Sieve Analysis <input type="checkbox"/> Specific Gravity <input type="checkbox"/> Sand Equivalent <input type="checkbox"/> Clay lumps and friable particles <input type="checkbox"/> Flakiness & Elongation Index <input type="checkbox"/> Mechanical Abrasion <input type="checkbox"/> Sulphate salts				
S	Aggregate Type	Max. size	Crushed/Natural	Quarry	Amount in the site (m ³)	Remarks
1						
2						
3						
4						
5						

3. Reinforcement bars:

Required Tests		<input type="checkbox"/> Diameter <input type="checkbox"/> Mass/Meter <input type="checkbox"/> Yield Stress <input type="checkbox"/> Ultimate Stress <input type="checkbox"/> Elongation <input type="checkbox"/> Bending Test			
S	Bar diameter (mm)	Producer Company (country)	Required Grade	Amount in the site (Ton)	Remarks
1					
2					
3					
4					
5					

Supervisor engineer:

Name:

Mob. No.

Name & Signature of the test requester
and/or official stamp of the request party

Address bar