

Sub: PDIL Website Updation

Services of SSP & QC Audit Department

1. Technical Services

To streamline the quality of Rock Phosphate & SSP, Department Of Fertilizers (DoF) has formed The Technical Audit and Inspection Cell (TAC) under the aegis of PDIL in 2001

As entrusted by DOF, PDIL has following roles:–

- ❖ 1st Technical Inspection of new units/ Inspection for Capacity up gradation/ Setting up of GSSP Plants
- ❖ Audit inspection of SSP/BRP units
- ❖ Random sampling of Egyptian Rock phosphate to know the contents
- ❖ Analysis of Rock phosphate/blending of rock phosphates to find out feasibility of production of SSP/BRP.

2. Chemical Laboratory Services:

- Chemical Laboratory of PDIL Noida is duly accredited by NABL under the standard ISO/IEC 17025:2017 for testing of Rock Phosphate and Single Super Phosphate (SSP).
- NABL awarded the Certificate No. to Chemical Laboratory PDIL Noida as TC - 6938 (View Certificate)
- Testing method as defined in the Scope is IS 11224:1985 for Rock Phosphate & FCO: 1985 for SSP.

Testing Facility is available for the following parameters:

a) Phosphatic Fertilizer Raw Material as Rock Phosphate:

Moisture content % by weight, Oven Dry method & Total phosphates (as P₂O₅) % by weight.

b) Straight Phosphatic Fertilizer:

➤ Single Super Phosphate (Powdered):

Moisture content, Free Phosphoric acid, Water Soluble phosphate (as P₂O₅), Neutral Ammonium Citrate Soluble Phosphate/available phosphorus (as P₂O₅), Sulphur (as S) (Units: % by weight)

➤ Single Super Phosphate (Granulated):

Moisture content, Free Phosphoric acid, Water Soluble phosphate (as P₂O₅), Neutral Ammonium Citrate Soluble Phosphate/available phosphorus (as P₂O₅), Sulphur (as S) (Units: % by weight) and Particle Size through 4 mm & 1 mm IS sieve.

3. Research & Development activities

Presently, PDIL has been carrying out Research project entitled with “Use of Phosphogypsum for production of Calcium Nitrate, Calcium Ammonium Nitrate (CAN) and Sulphur nutrient (Hydrometallurgy)” sponsored by ICFFTR, Department of Fertilizer.



Fig: PDIL Chemical Laboratory at a glance



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**CHEMICAL LABORATORY, PROJECTS & DEVELOPMENT
INDIA LIMITED**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

PDIL BHAWAN, A-14, SECTOR- 1, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

in the field of

TESTING

Certificate Number: TC-6938

Issue Date: 19/02/2021

Valid Until:

18/02/2023

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : PROJECTS & DEVELOPMENT INDIA LIMITED

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

CHEMICAL LABORATORY, PROJECTS & DEVELOPMENT INDIA LIMITED, PDIL BHAWAN, A-14, SECTOR- 1, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-6938

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Validity

19/02/2021 to 18/02/2023

Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- FERTILIZERS	PHOSPHATIC FERTILIZER RAW MATERIAL-ROCK PHOSPHATE	Moisture % by weight. Oven Dry method	Appendix A-3 of IS 11224
2	CHEMICAL- FERTILIZERS	PHOSPHATIC FERTILIZER RAW MATERIAL-ROCK PHOSPHATE	Total Phosphates (as Phosphorus pentoxide) % by weight	Appendix A-8 of IS 11224 (Gravimetric method)
3	CHEMICAL- FERTILIZERS	PHOSPHATIC FERTILIZER RAW MATERIAL-ROCK PHOSPHATE	Total Phosphates (as Phosphorus pentoxide) % by weight on Dry Basis	PDIL/QSP/5.4/01 Issue No.01, Date 15.12.12
4	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (GRANULATED)	Free Phosphoric acid % by weight	FCO, Schedule II Part B-4 (vii), Pg-92
5	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (GRANULATED)	Moisture % by weight. Oven Dry method	FCO, Schedule II Part B-2 (i), Pg-64
6	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (GRANULATED)	Neutral Ammonium Citrate Soluble Phosphate (as Phosphorus pentoxide) % by weight	FCO, Schedule II Part B-4 (v), Pg-89
7	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (GRANULATED)	Particle Size through 4 mm & 1 mm IS sieve	FCO, Schedule II-B 20, Pg - 155
8	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (GRANULATED)	Sulphur % by weight	FCO, Schedule II Part B-24 (b), Pg-165
9	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (GRANULATED)	Water Soluble Phosphate (Phosphorus pentoxide) % by weight	FCO, Schedule II Part B-4(iii), Pg-87
10	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (POWDER)	Free Phosphoric acid % by weight	FCO, Schedule II Part B-4 (vii), Pg-92
11	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (POWDER)	Moisture % by weight. Oven Dry method	FCO, Schedule II Part B-2 (i), Pg-64
12	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (POWDER)	Neutral Ammonium Citrate Soluble Phosphate (as Phosphorus pentoxide) % by weight	FCO, Schedule II Part B-4 (v), Pg-89
13	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (POWDER)	Sulphur % by weight	FCO, Schedule II Part B-24 (b), Pg-165
14	CHEMICAL- FERTILIZERS	STRAIGHT PHOSPHATIC FERTILIZERS-SINGLE SUPER PHOSPHATE (POWDER)	Water Soluble Phosphate (as Phosphorus pentoxide) % by weight	FCO, Schedule II Part B-4(iii), Pg-87