Certificate OF REGISTRATION

Application of the Council Directive 2014/34/EU on Atmosphere Explosive, as amended

The manufacturing of the following Non-Electrical, Mechanical Equipment

PROGRESSIVE CAVITY PUMP & TWIN SCREW PUMP

(WITHOUT PRIME MOVER)

Manufactured by

ROTO PUMPS LTD.

B-15, Phase-II Extension, Noida-201305 Uttar Pradesh, India
Plot No. 31, Sector Ecotech XII, Greater Noida-201008, Uttar Pradesh, India

is found to comply with the requirements applicable to it

The manufacturer's technical Construction File (TCF), has been reviewed & found to comply with the requirement in Annex VIII, section 3, Module A,
{Equipment Classification as Category 2, Group II (Non-Mining) Gas(zone 1 & 2) & Dust(zone 21 & 22) Constructional safety 'c'}
Further identification & description of the products covered by this certification are given in the Appendix 1.

By QSA International, UK

Registration Number: QSA-17081413
Initial Certification Date: 01 May 2012
Re-Certification Date: 30 April 2021
Certification Expiry Date: 29 April 2027

Startford Ray
Certification Manager

QSA INTERNATIONAL LIMITED
27, Old Gloucester Street, London, WC1N3AX, ENGLAND

Centre for Global Accreditation
Accreditation No. AB-145001

Email: info@qsai.co.uk
Web:www.qsai.co.uk

Registered with Registrar of Companies for England and Wales through Registration Number 11936114
This certificate is a property of QSA International, UK. This certificate must not be altered in anyway and shall be returned upon the request by QSA International.

QSA INTERNATIONAL

Certificate OF REGISTRATION

Registration Number: QSA-17081413
Appendix 1 to original certificate

STATEMENT OF COMPLIANCE	APPENDIX-1

Manufacturer : **ROTO PUMPS LTD.**
a) B-15, Phase-II Extension,
Noida-201305 Uttar Pradesh, India
b) Plot No. 31, Sector Ecotech XII,
Greater Noida-201008, Uttar Pradesh, India

Product : **Non-Electrical Mechanical Equipment-**
Progressive Cavity Pump & Twin Screw Pump

The Statement referred to above covers the following products:

Progressive Cavity Pump & Twin Screw Pump - Non-Electrical Mechanical Equipment

For the designated Product - Progressive Cavity Pump & Twin Screw Pump, the Technical construction file is in compliance with the requirements in Annex VIII, section 3, ATEX Directive 2014/34/EU. Further the requirements of Essential Health & Safety requirements is also verified against the Technical standards satisfactorily:

Equipment details:

Progressive Cavity Pump & Twin Screw Pump (Non-Electrical, Mechanical Equipment)
Module: A
Category: 2
Group: II (Non-mining)
Gas zone: 1 & 2
Dust zone: 21 & 22
Constructional safety: 'c'

Marking of protective equipment shall include: CE Ex II 2 GDc Tx
If the sign 'X' is placed after the protective Marking, it indicates the equipment or protective system is subjected to special conditions for use specified & it shall be marked appropriately in the Name plate in place of 'X' and then it shall be placed in the market.

Technical Standard used:

EN 1127 part-I Basic Concepts & Methodology
EN 13463-1 Basic method & requirements
EN 13463-5 Protection by construction safety

Stratford Ray
Certification Manager

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QSA INTERNATIONAL

Certificate OF REGISTRATION

Enclosure: 1

Registration Number: QSA-17081413
Enclosure 1 to original certificate

Pump	Models
Progressive Cavity Pump	D, M, L & J Series
Twin Screw Pump	R, V, C, M, N Series

Technical Construction File:

- TCF Ref. No.: ATEX/PCP/001-01 Rev 01 & ATEX/PCP/001-02 Rev 01
- TCF Ref. No.: ATEX/TSP/001-01 Rev 01 & ATEX/TSP/001-02 Rev 01

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