

- (1) **EU-Type Examination Certificate**
- (2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU
- (3) EU – Type Examination Certificate Number: **IEP 23 ATEX 1198X**
- (4) Equipment: **MTS-MPP Series, Liquid Transfer Pumps**
- (5) Firm Name: **MİTES Petrol Ekipmanları ve Ölçüm Sistemleri A.Ş.**
- (6) Firm Address: **Karacaoğlan Mah. Bornova Cad. No:14 / 9 Işıkkent Bornova - İzmir / TÜRKİYE**
- (7) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-2476 date 25.08.2023.
- (9) Compliance with Essential Health and safety requirements has been assured by compliance with ;
EN ISO 80079-36: 2016 , EN ISO 80079-37: 2016
- (10) If the sign “ X “ is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.
- (11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include the following:



Responsible Person :

Nurettin Terzioglu
Head of Certification Body



Date of issue : 04.09.2023





IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule / Certificate Nr : IEP 23 ATEX 1198X

(14) Description of Equipment Protective System: MTS-MPP Series liquid transfer pumps is produced as pumps which are used in transferring of materials in IIA gas group. MTS-MPP Series liquid transfer pumps work with the logic that the pallets on the rotor pivoted with the pump shaft absorb the fuel oil from the outside and transfer it to the outlet with high flow rate.

Technical Specifications:

Types	MTS-MPP Series Technical Specifications			
	MTS-MPP300	MTS-MPP500	MTS-MPP1000	MTS-MPP1900
Diameter	50mm / 2"	65mm / 2 1/2"	80mm / 3"	100mm / 4"
Pump Speed	400 ~ 640 rpm	400 ~ 640 rpm	400 ~ 640 rpm	500 rpm
Capacity	150 ~ 300 l/min	300 ~ 500 l/min	600 ~ 1000 l/min	1500 ~ 1900 l/min
Engine Power	2.2 kW	4 kW	7.5 kW	18.5 kW
Net Weight (kg)	31	40	68	160
Gross Weight (kg)	34	47	74	178
Vacuum	0.5 Bar			
Operating Pressure	5 bar			
Ambient Temperature	-20 °C ~ +60°C			

IEP 23 ATEX 1198X (X means): It should be done according to the assembly manual. Maintenance and assembly should be done by authorized persons. If an additional sensor is installed in the pump, it must be approved. The liquid temperature is max 135 °C.

(15) Special conditions for safe use : Assembly and working of MTS-MPP series liquid transfer pumps with other related equipments must be adapted to national regulations.

(16) Essential Health and Safety Requirements :

16.1 This certificate is in the contents of standards that mentioned in item [9] It has been accepted that MTS-MPP series liquid transfer pumps are manufactured according to the producer instructions and the standards mentioned above.

16.2 Information's of assembled working of MTS-MPP series liquid transfer pumps with other related equipments exist in instruction manuals with approved and date 01.04.2023 .

(17) List of documentation;

- User manual (3 pages, date 01.04.2023)
- Risk assessment reports EN ISO 80079-36 (3 pages, date 17.08.2023)

(18) Drawings:

Drawing Nr ;	Date ;
MPP300-2023-00	01.04.2023
MPP500-2023-00	01.04.2023
MPP1000-2023-00	01.04.2023
MPP1900-2023-00	01.04.2023
Exploded Drawing	01.04.2023

For the validity of analysis type certificate , the parts that are used in MTS-MPP series liquid transfer pumps are determined in confirmed list of non-electrical parts table 1 dated 01.04.2023 .

Responsible Person :
Nurettin Terzioglu
Head of Certification Body

Date of issue : 04.09.2023



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