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Pentair International LLC

LIMITED PRODUCTION CERTIFICATION REPORT

SCOPE OF WORK

Limited Production Certification (ETLus) of Motor operated water pumps (various models)

REPORT NUMBER

200024555UDI-ETL

ISSUE DATE

23-August-2019

PAGES

4

DOCUMENT CONTROL NUMBER

SFT-ETL LPC-OP-19c (28-July-2017)

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LIMITED PRODUCTION CERTIFICATION REPORT

Report Number	200024555UDI-ETL	Original Issued:	23-August-2019	Revised:	None
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Standard(s)	UL 778:2016Ed.6+R:20Oct2017 Motor-Operated Water Pumps
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Applicant	Pentair International LLC	Manufacturer	Pentair Manufacturing Italy S.r.l.
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Product Description	
Product	Motor-Operated Water Pumps
Brand name	Pentair, Pentair Aurora, Fairbanks
Description	The products covered by this report are commercial, indoor use, permanently connected Motor-Operated Water Pumps
Models	PVMX 20-4, PVMX 32-4, PVMX 64-3-1
Model Similarity	All products covered by this report are commercial, indoor use, permanently connected Motor-Operated Water Pumps
Ratings	PVMX 20-4: rated 400V, 3 phases, 60Hz, 13.9A, 7.5kW PVMX 32-4: rated 400V, 3 phases, 60Hz, 26.9A, 15kW PVMX 64-3-1: rated 400V, 3 phases, 60Hz, 65A, 30kW
Other Ratings	NA


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Labeling		
Model	Serial No.	LPC No.
PVMX 20-4	521519660026	1003660
PVMX 32-4	521519660027	1003661
PVMX 32-4	521519660028	1003662
PVMX 32-4	521519660029	1003663
PVMX 64-3-1	521519660030	1003664
PVMX 64-3-1	521519660031	1003665
PVMX 64-3-1	521519660032	1003666

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Test Summary					
Evaluation Period	August 22 – August 23, 2019		Project No.	24555	
Sample Rec. Date	August 23, 2019	Condition	Production	Sample ID.	--
Test Location	Pentair Manufacturing Italy S.r.l. – Via Masaccio, 13 – 56010 Lugnano, PISA – ITALY				
Test Procedure	Testing at Manufacturers Premises (TMP) - Level 1				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					
Test Description	UL 778:2016Ed.6 + R:20Oct2017 Clause				
Starting Current Test	38				
Input Test	39				
Temperature Test	40				
Dielectric Voltage-Withstand Test	41				
Flooding Test	45				
Insulation Resistance Test	46				
Operation Test	52				
Abnormal Operation Test: Dry operation	53.1				

Conclusion			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated above.			
Please note, this Report does not represent authorization for the applicant or manufacturer to apply Intertek Certification Marks.			
Completed by:	Anna Baruzzi	Reviewed by:	Andrea Pirovano
Title:	Senior Project Engineer	Title:	Senior Project Engineer
Signature:		Signature:	