



# Certificate of Compliance

**Certificate:** 2173759                      **Master Contract:** 246607  
**Project:** 80200163                      **Date Issued:** 02/14/2024  
**Issued to:** **Toray Membrane USA, Inc.**  
**13435 Danielson St**  
**Poway, California 92064**  
**United States**  
  
**Attention:** Marcus Wada

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** *Tarif Rahman*  
Tarif Rahman

NSF/ANSI/CAN 61

## **PRODUCTS**

C686108 MECHANICAL DEVICES - NSF/ANSI/CAN 61 SECTION 8 - Certified to NSF/ANSI/CAN 61

Material for use in contact with drinking water only (Cold 23oC).

Reverse osmosis membrane elements

Model(s)

TM720-430, TM720-400, TM720-370, TM720-440, TM720N-400, TM720D-400, TM720D-440, TMG20D-400, TMG20D-440, TM720D-370, TML20D-370, TML20D-400, TML20D-440, TLF-400DG, TLF-440DG

Certified to a minimum daily flow of 6700 Liters or 1770 US gallons

Reverse osmosis membrane elements



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Model(s)
TMG40D-1760

Certified to a minimum daily flow of 17300 Liters or 4600 US gallons

Reverse osmosis membrane elements

Model(s)
TMG20-430C, TMG20-400C, TMG20-440C, TMG20N-400C, TM720C-400, TM720C-430, TM720L-400, TMG20-440, TMH20A-400, TMH20A-440, TMH20A-400C, TMH20A-440C

Certified to a minimum daily flow of 8400 Liters or 2220 US gallons

Reverse osmosis membrane elements

Model(s)
TMG10, TML10D, TMH10A, TM810, TM810F, TM710D, TMG10D, TM810C, TM810M, TM810K and TM810V

Certified to a minimum daily flow of 1870 Liters or 495 US gallons

Reverse osmosis membrane elements

Model(s)
TM820-370, TM820B-370, TM820C-370, TM820M-370, TM820K-370

Certified to a minimum daily flow of 8230 Liters or 2175 US gallons

Reverse osmosis membrane elements

Model(s)
TML20-400, TM820-400, TM820C-400, TM820E-400, TM820F-400, TM820V-400, TM820V-440, TM820M-400, TM820M-440, TM820K-400, TM820K-440, TSW-400LE, TSW-440LE

Certified to a minimum daily flow of 8900 Liters or 2350 US gallons

Nanofiltration Devices (CSM)

Model(s)	Size (Inches)
NE4040-70	4 x 40



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NE4040-90	4 x 40
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Reverse Osmosis Elements (CSM)

Model(s)	Size (Inches)
RE4040-BE	4 x 40
RE4040-BLF	4 x 40
RE4040-BLN	4 x 40
RE4040-FEN	4 x 40

**APPLICABLE REQUIREMENTS**

NSF/ANSI/CAN 61-2022 - Drinking Water System Components – Health Effects



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Notes:



## Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### Product Certification History

Project	Date	Description
80200163	February 14, 2024	Add PN 6010 with material Splendid Seal E7001Z59 for products certified to NSF/ANSI/CAN 61-2022.
80190240	November 17, 2023	Add Toray China Plants TBMC and TMFC as alternate suppliers for 73AC and 73UAC, and California Trading Company as alternate supplier for PN 2010, for products certified to NSF/ANSI/CAN 61-2022.
80185347	October 04, 2023	Add seawater membranes 84V3D (models TM810V, TM820V-400, TM820V-440) and 84M3D (models TM810M, TM820M-370, TM820M-400, TM820M-440) to NSF/ANSI/CAN 61-2022 certification.
80160525	March 14, 2023	Update Report 2173759 to add alternate supplier TCK for Seawater Membranes 84V4D, 84R4D, 84M4D and 84K4D. Update to NSF/ANSI/CAN 61-2022 as per Certification Inform Drinking Water Products No. 59.
80144804	October 14, 2022	Scope: Addition of alternate supplier PN 2004 HDPE Brine Spacer for existing models in report 2173759.
80129153	May 26, 2022	Add alternate materials/suppliers for products certified to NSF/ANSI/CAN 61-2020
80123720	April 19, 2022	Add alternate suppliers for products certified to NSF/ANSI/CAN 61-2020
80118573	March 10, 2022	Add alternate components to products certified to NSF/ANSI/CAN 61-2020
80091322	October 29, 2021	Add alternate PVC tube to RO membrane products certified to NSF/ANSI/CAN 61-2020
80070935	April 22, 2021	Evaluation of alternate materials and suppliers to NSF/ANSI 61-2019. Testing of TM820V-400 Seawater membrane element. Update to NSF/ANSI/CAN 61-2020 as per Drinking Water Products Notice No. 56.



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80040251	April 20, 2020	Update report to add alternate materials for NSF/ANSI 61 certification
80031819	February 04, 2020	Update Report 2173759 to add membranes UTC-73HA, UTC-74HA, UTC- 70HA to NSF/ANSI/CAN 61-2018 certification
80016266	September 04, 2019	Update Report 2173759 to add alternate material/supplier for NSF/ANSI 61 certification
80002418	July 03, 2019	Evaluation of TCK membranes UTC-70LFA, UTC-73LFA, UTC-74LFA, UTC-70LFU for use in various Reverse Osmosis Membrane Elements certified to NSF/ANSI 61-2017
70212344	April 23, 2019	Evaluation of TCK membranes UTC-73AC, UTC-70UAC, UTC-73UAC, and UTC-74UAC as well as addition of alternate materials and suppliers for use in various Reverse Osmosis Membrane Elements certified to NSF/ANSI 61-2017
70199440	December 14, 2018	Testing of TM720D-400 with membrane TCK UTC-70AC to the requirements of NSF/ANSI 61-2016
70204298	November 22, 2018	Update Report 2173759 to add Split Ring p/n 6003 to Seawater products and add UTC-74UAC membrane to Brackish products
70201722	October 18, 2018	Update Report 2173759 to add UTC-73LF membrane as an alternate membrane for TM720D-400 and TM720D-440
70193295	August 02, 2018	Add 3009 Tricot to TMG40D-1760 as alternate material to 3007 Tricot Add DuraPro glue (NSF approved) to CSM products Add 12233 Thatcher Ct and 12201 Thatcher Ct facilities. Remove Anaheim facility. Move products from Report 70121784 to Report 2173759.
70182037	July 13, 2018	Evaluate TMG40D-1760 to NSF 61
70089040	May 23, 2017	Evaluation of RO membrane elements TMH20A-400C/440C to NSF/ANSI 61-2015 (ERTA) based on previous testing.
70053021	November 12, 2015	Report report with additional model under NSF/ANSI 61-2014a (Class 6861 08)
70050064	October 21, 2015	Update report with changes to approved materials lists and new models based upon previously approved models under Section 8 of NSF/ANSI 61
70043505	August 20, 2015	Class 6861 08 - Update Report 2173759 to include 4 new models similar to previously certified models.



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2620671	April 30, 2013	Class 6861 08 - Update report with new models/alternate construction; evaluate new membrane backing material; no testing
2521489	June 20, 2012	Class 686108; evaluate alternate adhesive and TM720D models using alternate membrane.
2503620	March 30, 2012	Class 6861 08 - evaluate two alternate permeate carriers for use in certified elements; add models TM720-440, TMG20-440, TMH20A-400, TMH20A- 440
2468356	October 26, 2011	Class 6861 08 - add model TM720C-400 based on previous testing
2312860	August 31, 2010	Evaluation of Membrane Filter Elements to NSF/ANSI 61 Section 8.
2259101	May 11, 2010	Evaluation of RO Membranes TM810, TM810F, TM820-370, TM820C- 370, TM820-400, TM820C-400, TM820E-400, TM820F-400 to NSF/ANSI 61
2257845	February 10, 2010	Evaluation of additional membrane element models
2173759	September 16, 2009	Evaluation to NSF/ANSI 61 RO membrane Models TM720-370, TM720- 400, TM720-430, TMG20-400C, TMG20-430C
2173759	September 16, 2009	Evaluation to NSF/ANSI 61 RO membrane Models TM720-370, TM720- 400, TM720-430, TMG20-400C, TMG20-430C