



# Certificate of Compliance

**Certificate:** 2173759

**Master Contract:** 246607

**Project:** 80016266

**Date Issued:** 2019-09-04

**Issued To:** Toray Membrane USA, Inc.  
13435 Danielson St  
Poway, California, 92064  
United States

**Attention:** Gabriel Juarez

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



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

## **PRODUCTS**

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

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

Reverse osmosis membrane elements:

- Models TM720-430, TM720-400, TM720-370, TM720-440, TM720N-400, TM720D-400, TM720D-440, TMG20D-400, TMG20D-440, TM720D-370, TML20D-370, TML20D-400 and TML20D-440, TLF-400DG, TLF-440DG (certified to a minimum daily flow of 6700 Liters or 1770 US gallons).

- Model TMG40D-1760 (certified to a minimum daily flow of 17,300 Liters or 4600 US gallons).

- Models TMG20-430C, TMG20-400C, TMG20-440C, TMG20N-400C, TM720C-400, TM720C-430, TM720L-400, TMG20-440, TMH20A-400, TMH20A-440, TMH20A-400C and TMH20A-440C (certified to a minimum daily flow of 8400 Liters or 2220 US gallons).



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- Models 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).

- Models TM820-370, TM820B-370, TM820C-370, TM820M-370 and TM820K-370 (certified to a minimum daily flow of 8230 Liters or 2175 US gallons).

- Models 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

NE4040-70	4" x 40"
NE4040-90	4" x 40"

#### Reverse Osmosis Elements

RE4040-BE	4" x 40"
RE4040-BLF	4" x 40"
RE4040-BLN	4" x 40"
RE4040-FEN	4" x 40"

### **APPLICABLE REQUIREMENTS**

NSF/ANSI 61- 2017 - Drinking Water System Components-Health Effects

### **MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

### **Nameplate adhesive label material approval information:**



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Adhesive labels shall be Type B or C complying with CSA C22.2 No. 0.15.

All markings required by CSA must be permanent and legible. Products or components shall be labeled in a manner to ensure that all markings are visible after installation when possible. The marking content must consist of:

- Manufacturer's identification;
- CSA Mark with "C", "US" indicator;
- qualifiers "Drinking Water" (optional) and "NSF/ANSI 61" below or adjacent the CSA Mark;

Product identification (if applicable)



## 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
80016266	2019-09-04	Update Report 2173759 to add alternate material/supplier for NSF/ANSI 61 certification
80002418	2019-07-03	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	2019-04-23	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
000070199440	2018-12-14	Testing of TM720D-400 with membrane TCK UTC-70AC to the requirements of NSF/ANSI 61-2016
000070204298	2018-11-22	Update Report 2173759 to add Split Ring p/n 6003 to Seawater products and add UTC-74UAC membrane to Brackish products
000070201722	2018-10-18	Update Report 2173759 to add UTC-73LF membrane as an alternate membrane for TM720D-400 and TM720D-440
000070193295	2018-08-02	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.
000070182037	2018-07-13	Evaluate TMG40D-1760 to NSF 61
000070089040	2017-05-23	Evaluation of RO membrane elements TMH20A-400C/440C to NSF/ANSI 61-2015 (ERTA) based on previous testing.
000070053021	2015-11-12	Report report with additional model under MSF/ANSI 61-2014a (Class 6861 08)



000070050064	2015-10-21	Update report with changes to approved materials lists and new models based upon previously approved models under Section 8 of NSF/ANSI 61
000070043505	2015-08-20	Class 6861 08 - Update Report 2173759 to include 4 new models similar to previously certified models.
0002620671	2013-04-30	Class 6861 08 - Update report with new models/alternate construction; evaluate new membrane backing material; no testing.
0002521489	2012-06-20	Class 686108; evaluate alternate adhesive and TM720D models using alternate membrane.
0002503620	2012-03-30	Class 6861 08 - evaluate two alternate permeate carriers for use in certified elements; add models TM720-440, TMG20-440, TMH20A-400, TMH20A-440
0002468356	2011-10-26	Class 6861 08 - add model TM720C-400 based on previous testing
0002312860	2010-08-31	Evaluation of Membrane Filter Elements to NSF/ANSI 61 Section 8.
0002259101	2010-05-11	Evaluation of RO Membranes TM810, TM810F, TM820-370, TM820C-370, TM820-400, TM820C-400, TM820E-400, TM820F-400 to NSF/ANSI 61
0002257845	2010-02-10	Evaluation of additional membrane element models
0002173759	2009-09-16	Evaluation to NSF/ANSI 61 RO membrane Models TM720-370, TM720-400, TM720-430, TMG20-400C, TMG20-430C