

NSF International

789 N. Dixboro Road, Ann Arbor, MI 48105 USA

RECOGNIZES

**INTEWA Ingenieur-Gesellschaft für Energie- und
Wassertechnik GmbH**
Facility: Aachen, Germany

AS COMPLYING WITH NSF/ANSI 350 AND ALL APPLICABLE REQUIREMENTS.
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
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ANSI Accredited Program
PRODUCT CERTIFICATION
#0216

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September 19, 2016
Certificate# C0241945 - 01

Lori Bestervelt
Executive Vice President & CTO

Requirement and approval results of effluent quality according to NSF/ANSI 350-2014

	Influent range source water ⁴	Requirement effluent NSF/ANSI 350-2014 Class C		AQUALOOP effluent Test results NSF approval Class C	
		Test Average	Single Sample Maximum	Result Average	Single Sample Maximum
CBOD ₅	130 – 180 mg/l	--	--	--	--
BOD ₅	--	10 mg/l	25 mg/l	5 mg/l	17 mg/l
TSS	80-100 mg/l	10 mg/l	30 mg/l	2 mg/l	7,8 mg/l
turbidity (NTU)	50-100 NTU	2 NTU	5 NTU	0.57 NTU	3.89 NTU
E. coli ²	10 ² -10 ⁴ cfu/100ml	2.2 MPN/100ml	200 MPN/100ml	1.0 MPN/100ml	13.0(MPN/100ml)
pH	6.5 – 8.0	6.0 – 9.0	NA ¹	7.38	NA ¹
total phosphorous - P	1.0 -3.0 mg/l	--	--	--	--
total Kjeldahl nitrogen-N	3.0 – 5.0 mg/l	--	--	--	--
color	--	MR ³	NA	MR ³	NA
odor	--	Non offensive	NA	Non offensive	NA
oily film and foam	--	Non-detectable	Non-detectable	Non-detectable	Non-detectable

¹ NA: not applicable.

² Calculated as geometric mean.

³ MR: measured and reported only.

⁴ System for treating bathing and laundry source waters (combined)

Certification NSF/ANSI 350 -2014

Model designations:

AQUALOOP System GW 0300 L
AQUALOOP System GW 0600 L
AQUALOOP System GW 0900 L
AQUALOOP System GW 1200 L
AQUALOOP System GW 1500 L
AQUALOOP System GW 1800 L

The model designations are tested to meet the requirements in NSF/ANSI 350 corresponding to the designated classification:

NSF/ANSI Standard:	NSF/ANSI 350-2014 Onsite residential and commercial water reuse treatment systems
Certificate No.:	C0241944 - 01
Class of greywater input:	Combined, bathing and laundry water effluent
Class of treated water output:	Class C, multi-family and commercial facilities
Performance classification, (nominal hydraulic daily flow)	AQUALOOP System GW 0300 L = 300 Litres / day AQUALOOP System GW 0600 L = 600 Litres / day AQUALOOP System GW 0900 L = 900 Litres / day AQUALOOP System GW 1200 L = 1200 Litres / day AQUALOOP System GW 1500 L = 1500 Litres / day AQUALOOP System GW 1800 L = 1800 Litres / day
NSF Product and Service Listing:	http://info.nsf.org/Certified/Wastewater/Listings.asp?TradeName=&Standard=350