

SAI Global hereby grants:

Nungwon Metal Ind. Co,. Ltd. (NWM)

366 Geurugogae-ro, Eunhyeon-Myeon, Yangju-si, Gyeonggi-do province, Republic of Korea

StandardsMark Licence

Manufactured to:

BS EN 13348:2016 - Copper And Copper Alloys - Seamless, Round Copper Tubes For Medical Gases Or Vacuum

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

Licence No: SMK40402

Issued : 18 February 2021 **Expires :** 18 February 2026

Originally Certified: 19 February 2016 Current Certification: 18 February 2021

Frank Camatsa Global Head of Technical Services SAI Global Assurance





SCHEDULE TO STANDARDSMARK LICENCE

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BS EN 13348:2016 - Copper And Copper Alloys - Seamless, Round Copper Tubes For Medical Gases Or Vacuum

Model identification of the goods on which the STANDARDSMARK may be used:

Model Identification	Model Name	Brand Name	Product Description	Product Type	Nominal Size	Classification Thickness	Temper	Form	Product Image 1	Date Endorsed
50200114	Medical Tube	Crane Copper Tube	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	15	0.7	HALF HARD	STRAIGHT	N/A	18 Feb 2021
50200115	Medical Tube	Crane Copper Tube	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	22	0.9	HALF HARD	STRAIGHT	N/A	18 Feb 2021
50200116	Medical Tube	Crane Copper Tube	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	28	0.9	HALF HARD	STRAIGHT	N/A	18 Feb 2021
50200117	Medical Tube	Crane Copper Tube	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	35	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
50200118	Medical Tube	Crane Copper Tube	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	42	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
50200119	Medical Tube	Crane Copper Tube	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	54	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
50200121	Medical Tube	Crane Copper Tube	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	76.1	1.5	HARD	STRAIGHT	N/A	18 Feb 2021
50200122	Medical Tube	Crane Copper Tube	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	108	1.5	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 108 1.5 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	108	1.5	HARD	STRAIGHT	N/A	18 Feb 2021

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NWM 108 2.5 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	108	2.5	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 12 0.8 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	12	0.8	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 12 0.8 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	12	0.8	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 12 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	12	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 12 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	12	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 133 3 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	133	3	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 15 0.7 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	15	0.7	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 15 0.7 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	15	0.7	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 15 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	15	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 15 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	15	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 15 1.2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	15	1.2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 15 1.2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	15	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 16 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	16	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 16 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	16	1	HARD	STRAIGHT	N/A	18 Feb 2021

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NWM 18 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	18	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 18 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	18	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 18 1.2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	18	1.2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 18 1.2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	18	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 22 0.9 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	22	0.9	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 22 0.9 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	22	0.9	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 22 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	22	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 22 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	22	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 22 1.2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	22	1,2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 22 1.2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	22	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 22 1.5 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	22	1.5	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 22 1.5 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	22	1.5	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 28 0.9 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	28	0.9	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 28 0.9 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	28	0.9	HARD	STRAIGHT	N/A	18 Feb 2021

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NWM 28 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	28	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 28 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	28	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 28 1.2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	28	1.2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 28 1.2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	28	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 28 1.5 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	28	1.5	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 28 1.5 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	28	1.5	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 35 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	35	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 35 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	35	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 35 1.2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	35	1.2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 35 1.2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	35	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 35 1.5 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	35	1.5	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 35 1.5 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	35	1.5	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 35 2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	35	2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 35 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	35	2	HARD	STRAIGHT	N/A	18 Feb 2021

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NWM 42 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	42	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 42 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	42	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 42 1.2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	42	1.2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 42 1.2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	42	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 42 1.5 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	42	1.5	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 42 1.5 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	42	1.5	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 42 2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	42	2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 42 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	42	2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 54 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	54	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 54 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	54	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 54 1.2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	54	1.2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 54 1.2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	54	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 54 1.5 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	54	1.5	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 54 1.5 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	54	1.5	HARD	STRAIGHT	N/A	18 Feb 2021

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NWM 54 2 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	54	2	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 54 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	54	2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 6 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	6	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 6 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	6	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 64 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	64	2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 66.7 1.2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	66.7	1.2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 66.7 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	66.7	2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 70 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	70	2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 76.1 1.5 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	76.1	1.5	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 76.1 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	76.1	2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 8 0.8 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	8	0.8	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 8 0.8 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	8	0.8	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 8 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	8	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWM 8 1 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	8	1	HARD	STRAIGHT	N/A	18 Feb 2021

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NWM 80 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	80	2	HARD	STRAIGHT	N/A	18 Feb 2021
NWM 88.9 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	88.9	2	HARD	STRAIGHT	N/A	18 Feb 2021
NWMM 10 0.8 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	10	0.8	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWMM 10 0.8 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	10	0.8	HARD	STRAIGHT	N/A	18 Feb 2021
NWMM 10 1 MED HALF HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	10	1	HALF HARD	STRAIGHT	N/A	18 Feb 2021
NWMM 10 1 MED HARD	NWMM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	10	1	HARD	STRAIGHT	N/A	18 Feb 2021
NWMM 104 2 MED HARD	NWM Medical Tube	NWM	Seamless, round copper tubes for medical gases or vacuum	COPPER TUBE	104	2	HARD	STRAIGHT	N/A	18 Feb 2021

End of Record

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