			As of May 2023					
			Environmental Management System		Occupational Health and Safety Management Systems			
No	Category	Operation Site	Туре	Acquisition date	Examining Authority	Туре	Acquisition date	Examining Authority
1 R	esonac Corporation	Head Office, West Japan Branch, Chubu Branch, East Japan Branch	Unacquired	_	_	Unacquired	_	_
2 R	esonac Corporation	Oita Complex	IS014001	1998/12	Japan Chemical Quality Assurance Ltd. (JCQA)	IS045001	2009/1	
3 R	esonac Corporation	Kawasaki Area	IS014001	1997/12	Japanese Standards Association (JSA)	OSHMS	2009/5	
4 R	esonac Corporation	Higashinagahara Plant	IS014001	1997/12	Japanese Standards Association (JSA)	I\$045001	2010/3	
5 R	esonac Corporation	Tokuyama Plant	IS014001	2009/2	Japan Chemical Quality Assurance Ltd. (JCQA)	I\$045001	2000/5	
6 R	esonac Corporation	Isesaki Plant	IS014001	2003/8	Japan Chemical Quality Assurance Ltd. (JCQA)	I\$045001	2013/1	Japan Chemical Quality Assurance Ltd. (JCQA)
7 R	esonac Corporation	Tatsuno Plant, Hipack Co., Ltd. (Tatsuno Plant)	IS014001	2004/5	Japan Chemical Quality Assurance Ltd. (JCQA)	IS045001	2014/1	
8 R	esonac Corporation	Chichibu Plant	IS014001	1999/11	TUV Rheinland Japan Ltd. (TUV)	OSHMS	2009/10	
9 R	esonac Corporation	Oyama Plant, Oyama Plant (Nasu)	IS014001	2000/3	MANAGEMENT SYSTEM ASSESSMENT CENTER CO., LTD.	OSHMS	2007/3	
10 R	esonac Corporation	Chiba Plant	IS014001	2005/8		IS045001	2020/7	
11 R	esonac Corporation	Hikone Kiyosaki Plant	Unacquired			Unacquired		_
12 R	esonac Corporation	Stage for Co-creation	Unacquired	_	_	Unacquired	_	_
13 R	esonac Corporation	Yamazaki Plant(Yamazaki)	IS014001	1996/1	Japan Audit and Certification Organization for Environment and Quality (JACO)	I\$045001	2008/1	Japan Audit and Certification Organization for Environment and Quality (JACO)
14 R	esonac Corporation	Yamazaki Plant(Sakuragawa)	IS014001	1996/7	Japan Audit and Certification Organization for Environment and Quality (JACO)	IS045001	2008/1	Japan Audit and Certification Organization for Environment and Quality (JACO)
15 R	esonac Corporation	Yamazaki Plant(Katsuta)	IS014001	1996/7	Japan Audit and Certification Organization for Environment and Quality (JACO)	I\$045001	2008/1	Japan Audit and Certification Organization for Environment and Quality (JACO)
16 R	esonac Corporation	Goi Plant(Goi)	IS014001	1995/11	Japan Audit and Certification Organization for Environment and Quality (JACO)	I\$045001	2009/1	Japan Audit and Certification Organization for Environment and Quality (JACO)
17 R	esonac Corporation	Goi Plant(Kashima)	IS014001	1995/11	Japan Audit and Certification Organization for Environment and Quality (JACO)	IS045001	2020/10	Japan Audit and Certification Organization for Environment and Quality (JACO)
18 R	esonac Corporation	Goi Plant(Noda)	IS014001	2000/1	Japan Audit and Certification Organization for Environment and Quality (JACO)	I\$045001	2019/10	Japan Audit and Certification Organization for Environment and Quality (JACO)
19 R	esonac Corporation	Goi Plant(Tokushima)	IS014001	1995/11	Japan Audit and Certification Organization for Environment and Quality (JACO)	IS045001	2009/1	Japan Audit and Certification Organization for Environment and Quality (JACO)
20 R	esonac Corporation	Shimodate Plant(Shimodate•MinamiYuki)	IS014001	1996/3	Japan Audit and Certification Organization for Environment and Quality (JACO)	IS045001	2009/1	Japan Audit and Certification Organization for Environment and Quality (JACO)
21 R	esonac Corporation	Shimodate Plant(Goshomiya)	IS014001	1996/3	Japan Audit and Certification Organization for Environment and Quality (JACO)	IS045001	2009/1	Japan Audit and Certification Organization for Environment and Quality (JACO)
22 R	esonac Corporation	Matsudo Plant(Matsudo)	IS014001	1999/2	Japan Audit and Certification Organization for Environment and Quality (JACO)	I\$045001	2021/2	Japan Audit and Certification Organization for Environment and Quality (JACO)
23 R	esonac Corporation	Matsudo Plant(Katori)	IS014001	1999/2	Japan Audit and Certification Organization for Environment and Quality (JACO)	IS045001	2021/2	Japan Audit and Certification Organization for Environment and Quality (JACO)
24 R	esonac Corporation	Hikone Kawase Plant	IS014001	1997/8	Japan Quality Assurance Organization (JQA)	IS045001	2020/8	Japan Quality Assurance Organization (JQA)
25 R	esonac Corporation	Advanced Technology R&D Center (Tsukuba)	IS014001	2018/4	Japan Audit and Certification Organization for Environment and Quality (JACO)	IS045001	2020/12	Japan Audit and Certification Organization for Environment and Quality (JACO)
		Packaging Solution Center (Shin-Kawasaki)	Unacquired	-	-	1\$045001	2021/11	Japan Audit and Certification Organization for Environment and Quality (JACO)
27 (roup Companies in Japan)	Tsurusaki Kyodo Doryoku K.K.	IS014001	1998/12	Japan Chemical Quality Assurance Ltd. (JCQA)	I\$045001	2009/1	Japan Chemical Quality Assurance Ltd. (JCQA)
28 (roup Companies in Japan)	Resonac Universal Corporation (Yokkaichi)	IS014001	2003/4	Japan Chemical Quality Assurance Ltd. (JCQA)	Unacquired	_	
(roup Companies in Japan)	Resonac Universal Corporation (Aizu)	IS014001	2019/5	Japan Chemical Quality Assurance Ltd. (JCQA)	Unacquired		
30 G	roup Companies in Japan)	Resonac Gas Products Corporation (Kawasaki)	IS014001	1994/4	Japan Chemical Quality Assurance Ltd. (JCQA)	JISHA Good Safety Company	2013/12	SME occupational health and safety assessment
(roup Companies in Japan)	Resonac Gas Products Corporation (Yokkaichi)	IS014001	1994/4	Japan Chemical Quality Assurance Ltd. (JCQA)	JISHA Good Safety Company	2014/11	SME occupational health and safety assessment
(roup Companies in Japan)	Resonac Gas Products Corporation (Oita)	IS014001	2020	Japan Chemical Quality Assurance Ltd. (JCQA)	1\$045001	2020	Japan Chemical Quality Assurance Ltd. (JCQA)
(roup Companies in Japan)	Hipack Co., Ltd.	IS014001	2004/5/31	Japan Chemical Quality Assurance Ltd. (JCQA)	I\$045001	2014/1/20	Japan Chemical Quality Assurance Ltd. (JCQA)
34 G	roup Companies in Japan)	Resonac Ceramics Corporation (Toyama)	IS014001	2003/5	Bureau Veritas Japan (BV)	1\$045001	2020/11	
35 G	roup Companies in Japan)	Resonac Ceramics Corporation (Shiojiri)	IS014001	1998/11		IS045001	2020/11	

			As of Way 2023					
				Environmental Management System		Occupational Health and Safety Management Systems		
No	Category	Operation Site	Туре	Acquisition date	Examining Authority	Туре	Acquisition date	Examining Authority
36 Grou (in	up Companies Japan)	Resonac Ceramics Corporation (Yokohama)	IS014001	2002/7	Bureau Veritas Japan (BV)	IS045001	2020/11	
37 Grou (in	up Companies Japan)	Resonac Graphite Japan Corporation (Omachi)	IS014001	1997	Japanese Standards Association (JSA)	IS045001	2022	Japanese Standards Association (JSA)
38 Grou (in	up Companies Japan)	Resonac Aluminum Kitakata Corporation	IS014001	2002/10		IS045001	2021/10	
39 Grou (in	up Companies Japan)	Resonac Semiconductor Corporation	IS014001	1999/11	TUV Rheinland Japan Ltd. (TUV)	OSHMS	2009/10	
40 Grou (in	up Companies Japan)	Resonac Photonics Corporation	IS014001	2021/8/24	Bureau Veritas Japan (BV)	OSHMS	2021/9/30	Japan Industrial Safety & Health Association
41 Grou (in	up Companies Japan)	Resonac Electronics Corporation	IS014001	2005/8		IS045001	2020/7	
42 Grou (in	up Companies Japan)	Resonac Packaging Corporation (Hikone)	Eco Action 21	2010/10	Institute for Promoting Sustainable Societies (IPSuS)	Unacquired	_	_
43 Grou (in	up Companies Japan)	Resonac Packaging Corporation (Isehara)	Eco Action 21	2010/10	Institute for Promoting Sustainable Societies (IPSuS)	Unacquired	_	-
44 Grou (in	up Companies Japan)	Niigata Showa K.K.	IS014001	2010/1	Japan Chemical Quality Assurance Ltd. (JCQA)	Unacquired	_	_
45 Grou (in	up Companies Japan)	SunAllomer Ltd. (Kawasaki)	IS014001	1999/5	Japan Chemical Quality Assurance Ltd. (JCQA)	IS045001	2018/5	Japan Chemical Quality Assurance Ltd. (JCQA)
46 Grou (in	up Companies Japan)	SunAllomer Ltd. (R&D Division)	Unacquired	_	-	Unacquired	_	_
47 Grou (in	up Companies Japan)	SunAllomer Ltd. (Oita)	IS014001	2001/11		1\$045001	2011/12	
48 Grou (in	up Companies Japan)	Resonac Kenso Corporation	Unacquired	_	_	Unacquired	_	_
49 Grou (in	up Companies Japan)	Resonac HD Yamagata Corporation (Head Office)(Oyama Plant)	IS014001	2009/11	KHK ISO Genter	IS045001	2021/1	
50 Grou (in	up Companies Japan)	Resonac Optoelectronics Kagoshima Corporation	IS014001	2014/12		Unacquired	_	_
51 Grou (in	up Companies Japan)	Resonac Automotive Products Corporation (Kyushu)	IS014001	2017/12	Japan Quality Assurance Organization (JQA)	Unacquired	_	_
52 Grou (in	up Companies Japan)	Resonac Automotive Products Corporation (Kanto)	IS014001	2017/12	Japan Quality Assurance Organization (JQA)	Unacquired	_	-
53 Grou (in	up Companies Japan)	Resonac Automotive Products Corporation (Osaka)	IS014001	2004/4	Japan Audit and Certification Organization for Environment and Quality (JACO)	Unacquired	_	_
54 Grou (in	up Companies Japan)	Resonac Automotive Products Corporation (Ishikawa)	IS014001	2000/12	SOCOTEC Certification Japan	Unacquired	_	-
55 Grou (in	up Companies Japan)	Resonac Techno Service Corporation (Head Office • Hitachi)	IS014001	1996/1	Japan Audit and Certification Organization for Environment and Quality (JACO)	Unacquired	_	-
(In	up Companies Japan)	Resonac Techno Service Corporation (Shimodate)	IS014001	1996/3	Japan Audit and Certification Organization for Environment and Quality (JACO)	Unacquired	_	_
57 Grou (in	up Companies Japan)	Resonac Techno Service Corporation (Matsudo)	IS014001	1999/2	Japan Audit and Certification Organization for Environment and Quality (JACO)	Unacquired	_	_
58 Grou (in	up Companies Japan)	Japan Brake Industrial Co., Ltd. (Shimodate)	IS014001	1996/3	Japan Audit and Certification Organization for Environment and Quality (JACO)	Unacquired	_	-
59 Grou (in	up Companies Japan)	Japan Brake Industrial Co., Ltd. (Hachioji)	Not applicable	_	_	Unacquired	_	-
60 Grou (in	up Companies Japan)	Resonac Applied Carbon Corporation (Sakuragawa)	IS014001	1996/1	Japan Audit and Certification Organization for Environment and Quality (JACO)	Unacquired	_	_
61 Grou (in	up Companies Japan)	Resonac Applied Carbon Corporation (Katori)	IS014001	1999/2	Japan Audit and Certification Organization for Environment and Quality (JACO)	Unacquired	_	_
62 Grou (in	up Companies Japan)	Resonac Applied Carbon Corporation (Yamazaki)	IS014001	1996/1	Japan Audit and Certification Organization for Environment and Quality (JACO)	Unacquired	_	-
	up Companies Japan)	Resonac Electronic Materials Kyushu Corporation	IS014001	1997/12	ASR Co. , Ltd. (ASR)	IS045001	2020/11	ASR Co. , Ltd. (ASR)
64 Grou (in	up Companies Japan)	Minaris Medical Co., Ltd. (Head Office • Fuji)	IS014001	2000/5/29	Japan Audit and Certification Organization for Environment and Quality (JACO)	Unacquired	_	-
(In	up Companies Japan)	HKSP Co., Ltd.	Unacquired	_	_	Unacquired	_	-
66 Grou (in	up Companies Japan)	Nikka Touchu Co., Ltd.	Unacqu i red	_	_	Unacqu i r ed	_	-
67 Grou (in	up Companies Japan)	Minaris Regenerative Medicine, LLC	Unacqu i r ed	_	-	Unacquired	_	-
68 Grou (out	up Companies tside Japan)	Resonac Specialty Gas Taiwan Co., Ltd. +Resonac Chemicals Manufacturing Taiwan Co., Ltd.	IS014001	2008/1	TUV NORD	IS045001	2022/7/29	
69 Grou (out	up Companies tside Japan)	Resonac Highpolymer Materials (Shanghai) Co., Ltd.	IS014001	2023/6	NSF	China occupational safety and health management system (2nd class)	2023/5/5	
70 Grou (out	up Companies tside Japan)	Resonac New Material (Zhuhai) Co., Ltd.	IS014001	2015/1	Shanghai NQA Certification Co., Ltd.	Unacquired	_	-

						As of May 2023		
			Environmental Management System			Occupational Health and Safety Manage		
No	Category	Operation Site	Туре	Acquisition date	Examining Authority	Туре	Acquisition date	
71	Group Companies (outside Japan)	Lianyungang Zaoling Abrasives Co., Ltd.	IS014001	2018/7	Shenzhen Universal Certification	Unacquired	_	-
72	Group Companies (outside Japan)	Resonac Graphite America Inc.	Unacquired	_	_	Unacquired	_	-
73	Group Companies (outside Japan)	Showa Denko Sichuan Carbon	IS014001	2016/11/14	TUV Rheinland (Guangdong) Ltd. Chengdu Branch	Unacquired	_	-
74	4 Group Companies (outside Japan)	Resonac Graphite Austria GmbH	IS014001	2020/12	Quality Austria	Unacquired	_	-
75	Group Companies (outside Japan)	Resonac Graphite Spain S.A.U.	IS014001	2018/6 2020/7/17	EQA	IS045001	2022/12	E
76	Group Companies (outside Japan)	Resonac Graphite Malaysia Sdn. Bhd.	Unacquired	-	_	Unacquired	_	-
77	Group Companies (outside Japan)	F2 Chemicals Limited	Unacquired	-	_	Unacquired	_	-
78	Group Companies (outside Japan)	Resonac Shotic Europa Industria de Aluminio Lda.	IS014001	2021/5	τυν	Unacquired	_	-
79	Group Companies (outside Japan)	Resonac Shotic Malaysia Sdn. Bhd.	Unacquired	(To be acquired next year)	_	Unacquired	_	-
80	Group Companies (outside Japan)	Resonac Aluminum Manufacturing Philippines Corporation	IS014001	2007/2	SOCOTEC (Formerly AJA)	Unacquired	_	-
81	1 Group Companies (outside Japan)	Resonac HD Singapore Pte. Ltd.	IS014001	1999/5	SGS	1\$045001	2020/5	S
82	2 Group Companies (outside Japan)	Resonac HD Malaysia Sdn. Bhd.	IS014001	2022/10	ICS CERTIFICATATION (M) SDN BHD	1\$045001	2022/10	I
83	Group Companies (outside Japan)	Showa Denko HD Trace corp.	IS014001	2021/9	UKAS	1\$045001	2021/9	T
84	4 Group Companies (outside Japan)	Industrielack AG	Unacquired	_	_	1\$045001	2002/1	E
85	Group Companies (outside Japan)	Ilag Rui Zhong New Material (Shanghai) Co., Ltd.	Unacquired	_	_	Unacquired	_	-
86	Group Companies (outside Japan)	Zhuhai Sunbright New Materials Co., Ltd.	Unacquired	-	_	Unacqu i red	_	-
87	7 Group Companies (outside Japan)	GMM Coatings Private Limited	IS014001	2018/01	TUV SUD south Asia Pvt Itd	I\$045001	2022/01	T
88	Group Companies (outside Japan)	Resonac (China) Corporation	Unacqu i r ed	_	_	Unacquired	_	-
89	Group Companies (outside Japan)	Resonac Materials (Shanghai) Co., Ltd.	Unacqu i r ed	_	_	Unacquired	_	-
90) Group Companies (outside Japan)	Resonac Materials (Dongguan) Co., Ltd.	IS014001	2014/8	SGS	1\$045001	2022/6/11	S
91	1 Group Companies (outside Japan)	Resonac Powdered Metals (Dongguan) Co., Ltd.	IS014001	2006/5	SGS	I\$045001	2020/1/22	S
92	2 Group Companies (outside Japan)	Foshan JB. Automotive Products Co., Ltd.	IS014001	2008/7	SGS	IS045001	2019/7/1	S
93	3 Group Companies (outside Japan)	Resonac Materials (Suzhou) Co., Ltd.	IS014001	2006/12	BSI	1\$045001	2020/7/30	B
94	4 Group Companies (outside Japan)	Resonac Electronic Materials (Chongqing) Co., Ltd.	IS014001	2017/4	China Quality Certification Centre	China occupational safety and health management system (3rd class)	2022/1/1	Er Cł
95	Group Companies (outside Japan)	Resonac Materials (Nantong) Co., Ltd.	IS014001	2015/1	SGS	China occupational safety and health management system (2nd class)	2022/1/25	J
96	Group Companies (outside Japan)	Resonac Electronic Materials (Yantai) Co., Ltd.	IS014001	2013/8	SGS	China occupational safety and health management system (3rd class)	2020/8	E
97	Group Companies (outside Japan)	Resonac Automotive Products (Zhengzhou) Co., Ltd.	Unacquired	-	_	China occupational safety and health management system (3rd class)	2014/7/1	Er
98	Group Companies (outside Japan)	Resonac Automotive Products (Zhengzhou) Co., Ltd. (Wuhan)	Unacquired	-		Unacquired	(To be acquired 1 Oct. 2023)	t
99	Group Companies (outside Japan)	Resonac Electronic Materials (Guangzhou) Co., Ltd.	IS014001	2009/6	DNV certification Led	China occupational safety and health management system (2nd class)	2019/5/10	G
100	Group Companies (outside Japan)	Resonac Electronic Materials (Hong Kong) Limited	IS014001	2001/11	НКQAA	Unacquired	_	t
101	1 Group Companies (outside Japan)	Showa Denko Materials (Hong Kong) Co., Ltd.	Unacquired	-		Unacqu i red	_	1-
	2 Group Companies (outside Japan)	Resonac Li-Bond Materials (Taiwan) Co., Ltd.	IS014001	2006/11	SGS	Unacquired	_	t
	3 Group Companies (outside Japan)	Resonac Li-Bond Materials (Wuxi) Co., Ltd.	IS014001	2009/1	China Quality Certification Centre	China occupational safety and health management system (3rd class)	2018/6/28	s
104	4 Group Companies (outside Japan)	Resonac International (Taiwan) Co., Ltd.	Unacquired	_	_	Unacquired	_	t
105	Group Companies (outside Japan)	Resonac Semiconductor Materials (Taiwan) Co., Ltd. (Taoyuan)	IS014001	1999/11	TUV NORD	ISO 45001	2015/1	т
106	Group Companies (outside Japan)	Resonac Semiconductor Materials (Taiwan) Co., Ltd. (Tainan)	IS014001	2013/7	SGS	①0HSAS18001 ②IS045001	12013/7 22019/7	S
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Emergency Management Bureau Of Yantai City
Emergency Management Bureau Of Zhengzhou City
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						As of May 2023		
			Environmental Management System			0ccu	Occupational Health and Safety Manage	
No	Category	Operation Site	Туре	Acquisition date	Examining Authority	Туре	Acquisition date	Γ
107 Group (outs	p Companies side Japan)	Resonac Asia Pacific Pte. Ltd.	Unacquired	-	_	Unacquired	_	-
108 Group	p Companies side Japan)	Resonac Powdered Metals Singapore Pte. Ltd.	IS014001	2003/7/25	GCC	Unacquired	_	-
109 Group (outs	p Companies side Japan)	Resonac Materials Johor Sdn. Bhd.	IS014001	1998/12/18	SIRIM QAS International	IS045001	2010/6/25	SI
110 Group (outs	p Companies side Japan)	Resonac Materials (Selangor) Malaysia Sdn. Bhd.	IS014001	1999/9/21	SIRIM QAS International	IS045001	2021/5/14	SI
111 Group (outs	p Companies side Japan)	Resonac Materials (Thailand) Co., LtdBKK	Unacquired	-	_	Unacquired	_	-
112 Group	p Companies side Japan)	Resonac Materials (Thailand) Co., LtdAYB	IS014001	2004/11/17	United Registrar of Systems (URS)	Unacquired	_	-
113 Group (outs	p Companies side Japan)	Resonac Materials (Thailand) Co., LtdCHP	IS014001	2018/5/28	LRQA	Unacquired	_	-
114 Group (outs	p Companies side Japan)	Resonac Materials (Thailand) Co., LtdGW1	IS014001	2018/6/8	United Registrar of Systems (URS)	Unacquired	_	-
115 Group	p Companies side Japan)	Resonac Automotive Products (Thailand) Co., Ltd.	IS014001	2000/12/21	SGS	IS045001	2020/1/17	se
116 Group	p Companies side Japan)	PT Resonac Materials Indonesia	IS014001	2013/12/16	SGS	Unacquired	_	-
117 Group (outs	p Companies side Japan)	Resonac Materials India Private Limited	IS014001	2016/6/13	TUV SUD	IS045001	2018/9/11	τι
118 Group (outs	p Companies side Japan)	Allied JB Friction Private Limited	IS014001	2016/6	American Systems Registrar	IS045001	2020/7	Ал
119 Group (outs	p Companies side Japan)	Resonac Powdered Metals America, Inc.	IS014001	2003/7 2019/4	Smithers Quality Assessments SAI Global Assuarance	IS045001	2020/5	SA
120 Group (outs	p Companies side Japan)	Showa Denko Materials (Europe) GmbH	Unacquired	-	_	Unacquired	_	-
121 Group	p Companies side Japan)	Resonac Materials Mexico, S.A. de C.V.	IS014001	2017/1	SAI Global Assurance	Unacquired	_	-
122 Group	p Companies side Japan)	Minaris Regenerative Medicine, LLC	Unacquired	-	_	Unacquired	_	-
123 Group (outs	p Companies side Japan)	Minaris Medical America, Inc.	Unacquired	_	_	Unacquired	_	-
124 Group (outs	p Companies side Japan)	Resonac America, Inc.	Unacqu i r ed	-	_	Unacquired	_	-
125 Group (outs	p Companies side Japan)	FIAMM Energy Technology S.p.A.	IS014001	2002/10 2017/5	CSQ RINA Services S.p.A.	Before ISO ISO45001	2010/12 2022/12	CS RI
126 Group (outs	p Companies side Japan)	Minaris Regenerative Medicine GmbH	Unacquired	-	_	Unacquired	_	-
127 Group (outs	p Companies side Japan)	Resonac Korea Corporation	IS014001	2000/06、2022/03	CreBizQM Co., Ltd.	Unacquired	_	-

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