

Material Certificate List

Shipping Address		Information	
Ship-to-party	TAMMINIITTY OY KETJUTIE 4 27710 KIILYLIN FINLAND	Document Number	80471500
		Delivery Date	26.04.2021
		Sales Order Number	150806
		Sales Order Date	22.04.2021
		Purchase Order Number	006502
Buyer		Customer Number	201512
Sold to Party	TAMMINIITTY OY KETJUTIE 4 27710 KIILYLIN FINLAND	Mode of Transportation	
		Delivery Term	DAP EURA
		Country of Origin	
		Country of Destination	FI
		From/Via	35A1
		Route	R00000
Weight-Volume		Delivery Plant	35A1
Total Gross Weight	14.537,00 KG	Certificate Receiver	myynti@tamminiitty.fi
Total Net Weight	14.537,00 KG		
Total Packages	6		

Shipping Details

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
10	13002040 Hot Rolled Pickled,Sheet, 4.00X1500.00X3000.00		2.500,00	2.560,00	2.560,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001223034	Material ID	815323		
20	13002041 Hot Rolled Pickled,Sheet, 5.00X1500.00X3000.00		2.500,00	2.510,00	2.510,00 KG
Steel Grade	YMPRESS S355 MC				
Batch	0001220590	Material ID	828163		
30	13001616 HRP,SHEET, 8.00X1500.00X3000.00		5.000,00	0,00	0,00 KG
Steel Grade	S355				
Batch		Material ID			
40	13001619 Hot Rolled Dry,Sheet, 15.00X1500.00X3000.00		2.500,00	2.120,00	2.120,00 KG
Steel Grade	S355				
Batch	0001175131	Material ID	2957030		
50	13011744 Hot Rolled Dry,Sheet,		2.500,00	2.261,00	2.261,00 KG

Naantali Steel Service Centre Oy

Rautakatu 5, 21110, Naantali, Finland

T: +358 (0)10 28 76 901, naantalissc@tatasteelurope.com

Reg. No. 2674812-1

Material Certificate List

Information	
Document Number	80471500
Delivery Date	26.04.2021

Item	Material Description	Cust. Prod Code	Ordered Quantity	Delivered Quantity	Weight
Steel Grade	16.00X1500.00X3000.00				
Batch	S355				
	0001204795	Material ID	3017150		
900001	13001616		5.000,00	2.543,00	2.543,00 KG
	Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00				
Steel Grade	S355				
Batch	0001191656	Material ID	606855		
900002	13001616		5.000,00	2.543,00	2.543,00 KG
	Hot Rolled Pickled,Sheet, 8.00X1500.00X3000.00				
Steel Grade	S355				
Batch	0001191661	Material ID	606852		

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteel.eu	A03 Doc nr. 2021027655 00	A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.	
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	A07, A09 Reference 4500033431 11001473 00030	A08 Order nr. 56442 C
	B01, B02, B03, B04, B15 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010. 1.00 G/M2/side oiled. Mill edges. Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.14/-0.14 mm). Country of melt and pour: The Netherlands	
		C70 STEEL MAKING PROCESS: BO
		B09, B10, B11 Dimensions 1500 mm X 4 mm
		B13 Total Mass KG 62186
		B08 Total NR. 6
		A10 Dispatch Note 85051
		A10 Transport LINDEBORG

Buigproef/Bend test/Biegeversuch/Test de flexion : 'goed/good/gut/concluant' C50

PROD-IDENT: 815326	MASS KG: 10371	NR: 1	CAST NR: S0066	B07, B08, B13			
TENSILE TEST C10-29							
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	393	471	34.5	83

PROD-IDENT: 815325	MASS KG: 10381	NR: 1	CAST NR: S0066	B07, B08, B13			
TENSILE TEST C10-29							
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	393	471	34.5	83

PROD-IDENT: 815324	MASS KG: 10311	NR: 1	CAST NR: S0066	B07, B08, B13			
TENSILE TEST C10-29							
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	381	478	32.5	80

PROD-IDENT: 815323	MASS KG: 10421	NR: 1	CAST NR: S0066	B07, B08, B13			
TENSILE TEST C10-29							
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	381	478	32.5	80

PROD-IDENT: 815322	MASS KG: 10431	NR: 1	CAST NR: S0066	B07, B08, B13			
TENSILE TEST C10-29							
C01	C01/C02	C10	C03 Temp (°C)	C11 ReH (MPa)	C12 Rm (MPa)	C13 A (%)	C16 ReH/Rm (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	381	478	32.5	80


We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions.

Tata Steel IJmuiden BV

Jeffrey Flemming
Manager Mechanical Testing
IJmuiden, 6 March 2021

Jeffrey Flemming

Page 1 of 2 201,202

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2021027660 00		A04 
	A02 Inspection certificate 3.1, EN10204.		
	A07, A09 Reference 4500035855 11001475 00010	A08 Order nr. 57614 A	
	B01, B02, B03, B04, B15 Hot rolled pickled, Coil, S355MC, YMPRESS MG S:01-2010. 1.00 G/M2/Side oiled. Mill edges. Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.15/-0.15 mm). Country of melt and pour: The Netherlands		
A06 Customer/Consignee NAANTALI STEEL SERVICE CENTRE OY RAUTAKATU 5 21110 NAANTALI FINLAND	C70 STEEL MAKING PROCESS: BO		
	B09, B10, B11 Dimensions 1500 mm X 5 mm		
	B13 Total Mass KG 108005	B08 Total NR. 10	
	A11 Dispatch Note 85051	A10 Transport LINDEBORG	

Buigproef/Bend test/Biegeversuch/Test de flexion : 'goed/good/gut/concluant' C50

PROD-IDENT: 828163		MASS KG: 10301		NR: 1		CAST NR: S2659		B07, B08, B13	
TENSILE TEST								C10-29	
C01	C01/C02	C10	C03	Temp (°C)	C11	C12	C13	C16	
Bottom Middle	Surface Longitudinal	Prismatical	+20	396	476	34.5	ReH/Rm (%) 83		

PROD-IDENT: 828162		MASS KG: 10311		NR: 1		CAST NR: S2659		B07, B08, B13	
TENSILE TEST								C10-29	
C01	C01/C02	C10	C03	Temp (°C)	C11	C12	C13	C16	
Bottom Middle	Surface Longitudinal	Prismatical	+20	396	476	34.5	ReH/Rm (%) 83		

PROD-IDENT: 828161		MASS KG: 10051		NR: 1		CAST NR: S2659		B07, B08, B13	
TENSILE TEST								C10-29	
C01	C01/C02	C10	C03	Temp (°C)	C11	C12	C13	C16	
Bottom Middle	Surface Longitudinal	Prismatical	+20	391	473	34.5	ReH/Rm (%) 83		

PROD-IDENT: 828160		MASS KG: 10291		NR: 1		CAST NR: S2659		B07, B08, B13	
TENSILE TEST								C10-29	
C01	C01/C02	C10	C03	Temp (°C)	C11	C12	C13	C16	
Bottom Middle	Surface Longitudinal	Prismatical	+20	391	473	34.5	ReH/Rm (%) 83		

PROD-IDENT: 828159		MASS KG: 10301		NR: 1		CAST NR: S2659		B07, B08, B13	
TENSILE TEST								C10-29	
C01	C01/C02	C10	C03	Temp (°C)	C11	C12	C13	C16	
Bottom Middle	Surface Longitudinal	Prismatical	+20	391	473	34.5	ReH/Rm (%) 83		

We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions.

Tata Steel IJmuiden BV

Jeffrey Flemming
 Manager Mechanical Testing
 IJmuiden, 6 March 2021

Jeffrey Flemming

Page 1 of 2 Z01, Z02

TATA STEEL

Inspection certificate 3.1, EN10204.

00040

Hot rolled dry, Coil, S355MC, YMPRESS MG S:01-2010.
Mill edges.
Impact test.
Suitable for: Part galvanizing, Cutting into sheet.
Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.22/-0.22 mm).
PRODUCE AND TEST ACCORDING TO EN 10149-2
Country of melt and pour : The Netherlands.

Tata Steel IJmuiden BV
Hendrikshoefstraat 1
Postbus 10000
1778 CA IJmuiden The Netherlands
Telephone: 8251-492110
E-mail: info.testing@tatasteel-europe.com

MAANTALI
6500035562
11009046

2021008801 00

SERVICE CENTRE MAASTRICHT B.V.
B.U. FEIJEN
POSTBUS 10.000

1970 CA IJMUIDEN
NOORDHOLLAND

57493 D 1500 mm X 15 mm

71983

C EST LA VIE

TENSILE TEST

ITEM	UNIT	VALUE	ITEM	UNIT	VALUE	ITEM	UNIT	VALUE	ITEM	UNIT	VALUE	ITEM	UNIT	VALUE	ITEM	UNIT	VALUE	ITEM	UNIT	VALUE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1015	PROD. IDENT		1016	CAST NR.		1017	NR		1018	MASS kg	31960	1019	NR		1020	TEMP °C	+ 20	1021	REH MPa		1022	REL MPa		1023	RP0.2 MPa	412	1024	RM MPa	530	1025	A %	28.5	1026	A %		1027	R _{0.2} /R _m %	78	1028	r-value		1029	r-value		1030	n-value		1031	C13		1032	C12		1033	C11		1034	C10		1035	C09		1036	C08		1037	C07		1038	C06		1039	C05		1040	C04		1041	C03		1042	C02		1043	C01		1044	C00		1045	C99		1046	C98		1047	C97		1048	C96		1049	C95		1050	C94		1051	C93		1052	C92		1053	C91		1054	C90		1055	C89		1056	C88		1057	C87		1058	C86		1059	C85		1060	C84		1061	C83		1062	C82		1063	C81		1064	C80		1065	C79		1066	C78		1067	C77		1068	C76		1069	C75		1070	C74		1071	C73		1072	C72		1073	C71		1074	C70		1075	C69		1076	C68		1077	C67		1078	C66		1079	C65		1080	C64		1081	C63		1082	C62		1083	C61		1084	C60		1085	C59		1086	C58		1087	C57		1088	C56		1089	C55		1090	C54		1091	C53		1092	C52		1093	C51		1094	C50		1095	C49		1096	C48		1097	C47		1098	C46		1099	C45		1100	C44		1101	C43		1102	C42		1103	C41		1104	C40		1105	C39		1106	C38		1107	C37		1108	C36		1109	C35		1110	C34		1111	C33		1112	C32		1113	C31		1114	C30		1115	C29		1116	C28		1117	C27		1118	C26		1119	C25		1120	C24		1121	C23		1122	C22		1123	C21		1124	C20		1125	C19		1126	C18		1127	C17		1128	C16		1129	C15		1130	C14		1131	C13		1132	C12		1133	C11		1134	C10		1135	C09		1136	C08		1137	C07		1138	C06		1139	C05		1140	C04		1141	C03		1142	C02		1143	C01		1144	C00		1145	C99		1146	C98		1147	C97		1148	C96		1149	C95		1150	C94		1151	C93		1152	C92		1153	C91		1154	C90		1155	C89		1156	C88		1157	C87		1158	C86		1159	C85		1160	C84		1161	C83		1162	C82		1163	C81		1164	C80		1165	C79		1166	C78		1167	C77		1168	C76		1169	C75		1170	C74		1171	C73		1172	C72		1173	C71		1174	C70		1175	C69		1176	C68		1177	C67		1178	C66		1179	C65		1180	C64		1181	C63		1182	C62		1183	C61		1184	C60		1185	C59		1186	C58		1187	C57		1188	C56		1189	C55		1190	C54		1191	C53		1192	C52		1193	C51		1194	C50		1195	C49		1196	C48		1197	C47		1198	C46		1199	C45		1200	C44		1201	C43		1202	C42		1203	C41		1204	C40		1205	C39		1206	C38		1207	C37		1208	C36		1209	C35		1210	C34		1211	C33		1212	C32		1213	C31		1214	C30		1215	C29		1216	C28		1217	C27		1218	C26		1219	C25		1220	C24		1221	C23		1222	C22		1223	C21		1224	C20		1225	C19		1226	C18		1227	C17		1228	C16		1229	C15		1230	C14		1231	C13		1232	C12		1233	C11		1234	C10		1235	C09		1236	C08		1237	C07		1238	C06		1239	C05		1240	C04		1241	C03		1242	C02		1243	C01		1244	C00		1245	C99		1246	C98		1247	C97		1248	C96		1249	C95		1250	C94		1251	C93		1252	C92		1253	C91		1254	C90		1255	C89		1256	C88		1257	C87		1258	C86		1259	C85		1260	C84		1261	C83		1262	C82		1263	C81		1264	C80		1265	C79		1266	C78		1267	C77		1268	C76		1269	C75		1270	C74		1271	C73		1272	C72		1273	C71		1274	C70		1275	C69		1276	C68		1277	C67		1278	C66		1279	C65		1280	C64		1281	C63		1282	C62		1283	C61		1284	C60		1285	C59		1286	C58		1287	C57		1288	C56		1289	C55		1290	C54		1291	C53		1292	C52		1293	C51		1294	C50		1295	C49		1296	C48		1297	C47		1298	C46		1299	C45		1300	C44		1301	C43		1302	C42		1303	C41		1304	C40		1305	C39		1306	C38		1307	C37		1308	C36		1309	C35		1310	C34		1311	C33		1312	C32		1313	C31		1314	C30		1315	C29		1316	C28		1317	C27		1318	C26		1319	C25		1320	C24		1321	C23		1322	C22		1323	C21		1324	C20		1325	C19		1326	C18		1327	C17		1328	C16		1329	C15		1330	C14		1331	C13		1332	C12		1333	C11		1334	C10		1335	C09		1336	C08		1337	C07		1338	C06		1339	C05		1340	C04		1341	C03		1342	C02		1343	C01		1344	C00		1345	C99		1346	C98		1347	C97		1348	C96		1349	C95		1350	C94		1351	C93		1352	C92		1353	C91		1354	C90		1355	C89		1356	C88		1357	C87		1358	C86		1359	C85		1360	C84		1361	C83		1362	C82		1363	C81		1364	C80		1365	C79		1366	C78		1367	C77		1368	C76		1369	C75		1370	C74		1371	C73		1372	C72		1373	C71		1374	C70		1375	C69		1376	C68		1377	C67		1378	C66		1379	C65		1380	C64		1381	C63		1382	C62		1383	C61		1384	C60		1385	C59		1386	C58		1387	C57		1388	C56		1389	C55		1390	C54		1391	C53		1392	C52		1393	C51		1394	C50		1395	C49		1396	C48		1397	C47		1398	C46		1399	C45		1400	C44		1401	C43		1402	C42		1403	C41		1404	C40		1405	C39		1406	C38		1407	C37		1408	C36		1409	C35		1410	C34		1411	C33		1412	C32		1413	C31		1414	C30		1415	C29		1416	C28		1417	C27		1418	C26		1419	C25		1420	C24		1421	C23		1422	C22		1423	C21		1424	C20		1425	C19		1426	C18		1427	C17		1428	C16		1429	C15		1430	C14		1431	C13		1432	C12		1433	C11		1434	C10		1435	C09		1436	C08		1437	C07		1438	C06		1439	C05		1440	C04		1441	C03		1442	C02		1443	C01		1444	C00		1445	C99		1446	C98		1447	C97		1448	C96		1449	C95		1450	C94		1451	C93		1452	C92		1453	C91		1454	C90		1455	C89		1456	C88		1457	C87		1458	C86		1459	C85		1460	C84		1461	C83		1462	C82		1463	C81		1464	C80		1465	C79		1466	C78		1467	C77		1468	C76		1469	C75		1470	C74		1471	C73		1472	C72		1473	C71		1474	C70		1475	C69		1476	C68		1477	C67		1478	C66		1479	C65		1480	C64		1481	C63		1482	C62		1483	C61		1484	C60		1485	C59		1486	C58		1487	C57		1488	C56		1489	C55		1490	C54		1491	C53		1492	C52		1493	C51		1494	C50		1495	C49		1496	C48		1497	C47		1498	C46		1499	C45		1500	C44		1501	C43		1502	C42		1503	C41		1504	C40		1505	C39		1506	C38		1507	C37		1508	C36		1509	C35		1510	C34		1511	C33		1512	C32		1513	C31		1514	C30		1515	C29		1516	C28		1517	C27		1518	C26		1519	C25		1520

A01 Tata Steel IJmuiden BV Wenckebachstraat 1 1951 JZ Velsen Noord Postbus 10000 1970 CA IJmuiden The Netherlands Telephone: 0251-492110 Company Trade Register 34040331 E-mail: info.testing@tatasteeleurope.com	A03 Doc nr. 2021017523 00	A04 TATA STEEL
	A02 Inspection certificate 3.1, EN10204.	
A06 Customer/Consignee SERVICE CENTRE NAASTRICHT B.V. B.U. FEIJEN POSTBUS 10 000 1970 CA IJMUIDEN NOORDHOLLAND	A07, A09 Reference 4500035578 NAANTALI 11004832 00010	A08 Order nr. 57494 A
	B01,B02,B03,B04,B15 Hot rolled dry, Coil, S355MC, YMPRESS WG 9:01-2010. Mill edges. Impact test. Suitable for: Part galvanising, Cutting into sheet. Tolerance EN 10051 : 2010 (B) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.24/-0.24 mm). PRODUCE AND TEST ACCORDING TO EN 10149-2 Country of melt and pour: The Netherlands	

Buigproef/Bend test/Biegeversuch/Test de flexion : 'goed/good/gut/concluant' C50

PROD-IDENT: 3017150 MASS KG: 32160 NR: 1 CAST NR: S1199 B07,B08,B13

TENSILE TEST C10-29

C01	C01/C02	C10	C03 Temp (°C)	C11 Rp0.2 (MPa)	C12 Ra (MPa)	C13 A (%)	C16 Rp0.2/Ra (%)
Bottom Middle	Surface Longitudinal	Prismatical	+20	373	509	31.0	73

IMPACT TEST AND OTHER TESTS C40,C60,C65

C01	C01/C02	C10	C03 Temp °C	B05	C41 mm	C40,C60,C65	C44	C42 ind.	C42 ind.	C42 ind.	C43 mean
Bottom Middle	Surface Longitudinal	Prismatical	-20	0	10.0	ISO-V	J	302	326	317	315

CHEMICAL COMPOSITION in %

B07 CAST NR.	C71 C	C72 Mn	C73 P	C74 S	C75 Si	C76 Al	C77 Cu	C78 Cr	C79 Ni	C80 Mo	C81 Nb
S1199	0.062	1.319	0.015	0.006	0.011	0.031	0.007	0.020	0.018	0.002	0.031
CAST NR.	C82 V	C83 N	C84 B	C85 Ti	C86 Sn	C87 Al 20	C88 C-eql				
S1199	0.004	.0036	.0000	0.001	0.001	0.030	.289				

C-eql: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15



Purchase Order:
4500041082
Vendor Batch:
3017150

130117440001204795



Purchase Order:
4500041082
Vendor Batch:
3017150

130117440001204794

We hereby confirm that we comply to the terms of our order acknowledgement and any agreed concessions.

Tata Steel IJmuiden BV

Jeffrey Flemming
Manager Mechanical Testing
IJmuiden, 12 February 2021

Jeffrey Flemming

