

T. O. M. 137

INDEX MICROFILM REEL 137  
(ORIGINAL DESIGNATION NAVY 5815)

LIST OF DRAWINGS OF THE LURGI PRESSURE  
GASIFICATION PLANT AT B. K. W. BOHLEN  
(GAS WORKS) FOR GASIFICATION OF BROWN COAL

<u>Böhlen Drawing No.</u>	<u>Lurgi No.</u>	<u>Title</u>	
Gaserzeugung	1076	200105	Offtake bend
"	1078	200085	Intermediate hopper 1600 mm. dia.
"	1080	200096	Attachment and cover for the upper intermediate hopper.
"	1081	200108	Assembly of the charging mechanism
"	1084	200123	Thermometer socket
"	1085	200131	Intermediate hopper 1730 mm. dia.
"	1087	200130d	Main shaft with packing gland bearing
"	1090	200125b	Circulating water cooler
"	1094	200303	Assembly of the scraper mechanism at the top of the generator
"	1100	200416	Gas generator building Plan - Sheet III
"	1101	200415	Gas generator building Elevation - Sheet II
"	1102	200414	Gas generator building Elevation - Sheet I
"	1111	200629b	Automatic seal for the upper intermediate hopper
"	1118	200778c	Circulating water cooler
"	1133		Extension of packing gland for the inlet of the fuel
"	1135	200948b	Separator 2000 mm. dia.
"	1141		Extension of the packing gland for the inlet of the fuel
"	1145	201103a	Assembly of the seal for the upper intermediate hopper.
"	1358	200729a	Assembly of the base guard plate
"	1354	200557	Attachment and door for the lower intermediate hopper
"	1361	200821	Offtake bend with built-in foot valve - Assembly.
"	1362	200829	Precooler
"	1365	200916a	Gaskets
"	1533	200087	Gas offtake elbow assembly
"	1535	200012a	Offtake bend with built-in foot valve
"	1536	200922c	Cast pipe for releasing the pressure in the ash receiver.

<u>Böhlen Drawing No.</u>	<u>Lurgi No.</u>	<u>Title</u>
Gaserzeugung 1538	201064	Details of castings for plow - II
" 1580	201049	Ash receiver pressure release valve
" 1615		Steam inlet for sealing the lower shaft packing gland
" 1617		Blank flange for 60 atmospheres of pressure
" 1646		Pinion for generator drive. Part of Drawing No. 200156.
" 1836		Shaft inlet for the lower ash pin operation.
" 1839		Flange for closing five poke holes.
" 1841	200732b	Gas generator building plans & elevations
" 1844	1SG1282	Lower intermediate hopper 1700 mm. dia. - Details IV.
" 2119	200807	Gauge boards in gas generator building.
Kondensation 1303	200153	Tar separator
" 1304	200170a	Main cooler 60 m <sup>2</sup>
" 1305	200241a	Settling tank 30 m <sup>3</sup>
" 1306	200300a	Assembly of the condensing plant
" 1307	200300	Assembly of the condensing plant
" 1309	200463	Assembly of the condensing plant - lighting
" 1310	200942	Installation of II tar separators in the condensing plant.
" 1312	200341	Heating of the tar tank
" 1570	200498a	Assembly of the condensing plant, including provision for enlargement
" 1574	201069	Steam separator
" 1600		Cooling nest for the coolers in the condensing plant
" 1602		Separator for tar and gas liquor
" 1604		Piping for the tar and gas liquor separator
Elektr. Anlage 1452	200818	Ground plan for the motors
" " 1456	200660b	List of motors
" " 1458	200817	Motors in the gas generator building - Showing provisions for enlargement.
" " 1680		List of motors
" " 1681		List of motors
Verschiedenes 1805	ODS/508	Assembly of the pilot plant for CO conversion - Plan
1802	ODS/507	Assembly of the pilot plant for CO conversion - elevation.