


Parts list

POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1	1	3d views	uoa_tpb_tubular_plastic_biodigester.iam	-	-	1-2
A2	-	Exploded 3d view	uoa_tpb_tubular_plastic_biodigester.ipn	-	-	3
B1	-	Parts list	uoa_tpb_tubular_plastic_biodigester.csv	-	-	4
C1	-	Technical notes	-	-	-	5
1.0	-	Pit	Pit.ipn	-	-	6-7
1.1	1	Pit digester	Pit digester.ipt	Production	Polythene sheet 0.2mm thick	8
1.2	2	Inlet and outlet	-	Standard	ASTM D 1785 schedule 40 4" L:600mm	-
1.3	1	Cover inlet	Cover inlet.ipt	Production	Mesh wire 25mm hex galvanized	9
1.4	1	Adapter male A	-	buy	DIN 8063 male adapter 1/2"	-
1.5	2	Rubber washer A	Rubber washer A.ipt	Production	Made from used car tire	10
1.6	2	Plastic circle A	Plastic circle A.ipt	Production	Made from plastic material	11
1.7	1	Dung mixer pit	Dung mixer pit.ipt	Production	Made from concrete	12
2.0	-	Gas system	Gas system.ipn	-	-	13-14
2.1	1	Adapter female A	-	buy	DIN 8063 female adapter 1/2"	-
2.2	1	Gas pipe A	-	Standard	ASTM D 1785 schedule 40 1/2"	-
2.3	2	Valve	-	buy	Bronze ball valve 3/8"	-
2.4	3	Gas pipe B	-	Standard	ASTM D 1785 schedule 40 1/2"	-
2.5	3	Elbow	-	buy	ASTM D 2467 elbow 90 1/2" schedule 40	-
2.6	3	Gas pipe C	-	Standard	ASTM D 1785 schedule 40 1/2"	-
2.7	2	Tee	-	buy	ASTM D 2467 tee 1/2" schedule 40	-
2.8	1	Adapter female B	-	buy	DIN 8063 female adapter 1/2"	-
2.9	1	Adapter male B	-	buy	DIN 8063 male adapter 1/2"	-
2.10	2	Rubber washer B	Rubber washer B.ipt	Production	Made from used car tire	15
2.11	2	Plastic circle B	Plastic circle B.ipt	Production	Made from plastic material	16
2.12	1	Reservoir	Reservoir.ipt	Production	Polythene sheet 0.2mm thick	17
2.13	1	Gas pipe D	-	Standard	ASTM D 1785 schedule 40 1/2"	-
2.14	1	Plastic bottle	Plastic bottle.ipt	Production	Perforated plastic transparent bottle	18
2.15	1	Burner	-	buy	Gasmate cast iron single ring burner	-

PROJECT		CREATED BY		APPROVED BY		DATE		VERSION	
Tubular plastic biodigester		J. Zeron		A. Morillo		18/09/2021		1.0	
PART NAME			FILE NAME					POS	
Parts list			uoa_tpb_tubular_plastic_biodigester.csv					B1	
DEVELOPED BY			REDESIGNED BY			DOC. TYPE	MATERIAL		QUANTITY
University of Aarhus			 OSEG			Parts list	SCALE		SHEET
						LICENCE			4 / 18
						CC-BY-SA 4.0			