

SPE9G-1

Operating Manual





SPE9G-1
Operating Manual

SPECIFICATION SHEET

Type	SPE9G-1 Electric
Part number	SPE9G-1
Power output	2.6 h.p
Voltage	110v
Cycles	50/60
Cleaning width	230mm
Machine dimensions (mm)	
Length	830
Width	340
Height	840
Weight (kg)	62
Suggested Vacuum	Model VAC 316

ELECTRICAL REQUIREMENTS

Machine	Volts	Plug size	Cable size (mm)	Norm Cable Length	Transformer	Generator
SPE 9G-1	110	16 amp 3 pin	2.5 3 core	30 metres	3Kva	5 kva



SPE9G-1 Operating Manual

RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer: SPE
 Type: Blast machine
 Model No. 9G-1
 Operation : Free Running
 HAV Acoustic
 Note: Associates

HAND-ARM VIBRATION

Frequency Weighted Energy Equivalent Accelerations ($a_{h,w}$)

Measurement Position	Acceleration (m/s^2)			
	X axis	Y axis	Z axis	Vector Sum
Handle	0.93	1.47	0.98	2.06

NOISE LEVELS

Sound Power Level (L_{WA})

L_{WA} at Octave Band Centre Frequency (Hz)								Sound Power Level L_{WA}
63	125	250	500	1000	2000	4000	8000	
56.9	68.7	80.1	97.4	94.3	96.7	95.0	91.1	102.4

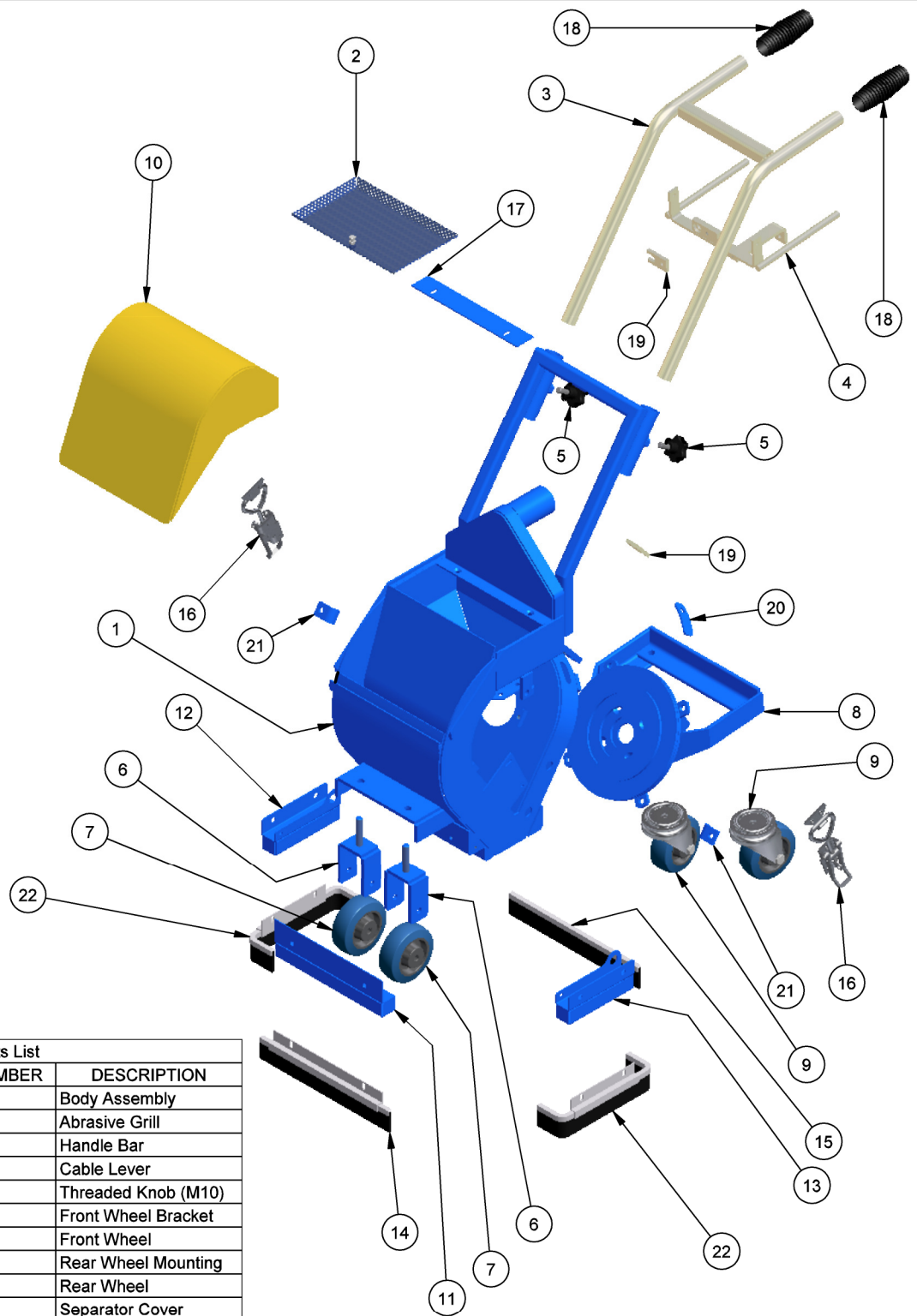
Operator's Ear

$L_{Aeq,T}$ at Octave Band Centre Frequency (Hz)								Overall Level ($L_{Aeq,T}$)	L_{Peak} dB(C)
63	125	250	500	1000	2000	4000	8000		
37	51.3	62.8	86.2	81.6	84.4	79.7	72.1	92.3	104





 Surface Preparation Equipment™	SPE International Limited Honeyholes Lane, Dunholme Lincoln, LN2 3SU, England Tel: +44 (0) 1673 860 709 or +44 (0) 1673 860 330 Fax: +44 (0) 1673 861 119 Web Site: http://www.spe-int.com E-mail: sales@spe-int.com
SPE 9G	



Parts List			
ITEM	QTY	SPE PART NUMBER	DESCRIPTION
1	1	11015	Body Assembly
2	1	11007A	Abrasive Grill
3	1	11022	Handle Bar
4	1	11021	Cable Lever
5	2	C321	Threaded Knob (M10)
6	2	11020	Front Wheel Bracket
7	2	11019	Front Wheel
8	1	11018	Rear Wheel Mounting
9	2	11017	Rear Wheel
10	1	11001A	Separator Cover
11	1	11500	Front Magnet
12	1	11501	Right Hand Magnet
13	1	11502	Left Hand Magnet
14	1	11503	Front Brush
15	1	11504	Rear Brush
16	2	10064	Over-Centre Latch
17	1	11013	Adjustable Baffle
18	2	9104	Handlebar Grip
19	2	11023	Cable Clamp
20	1	11024	Liner Slot Cover
21	2	11301A	Cage Retaining Lug
22	2	11505	Side Brush

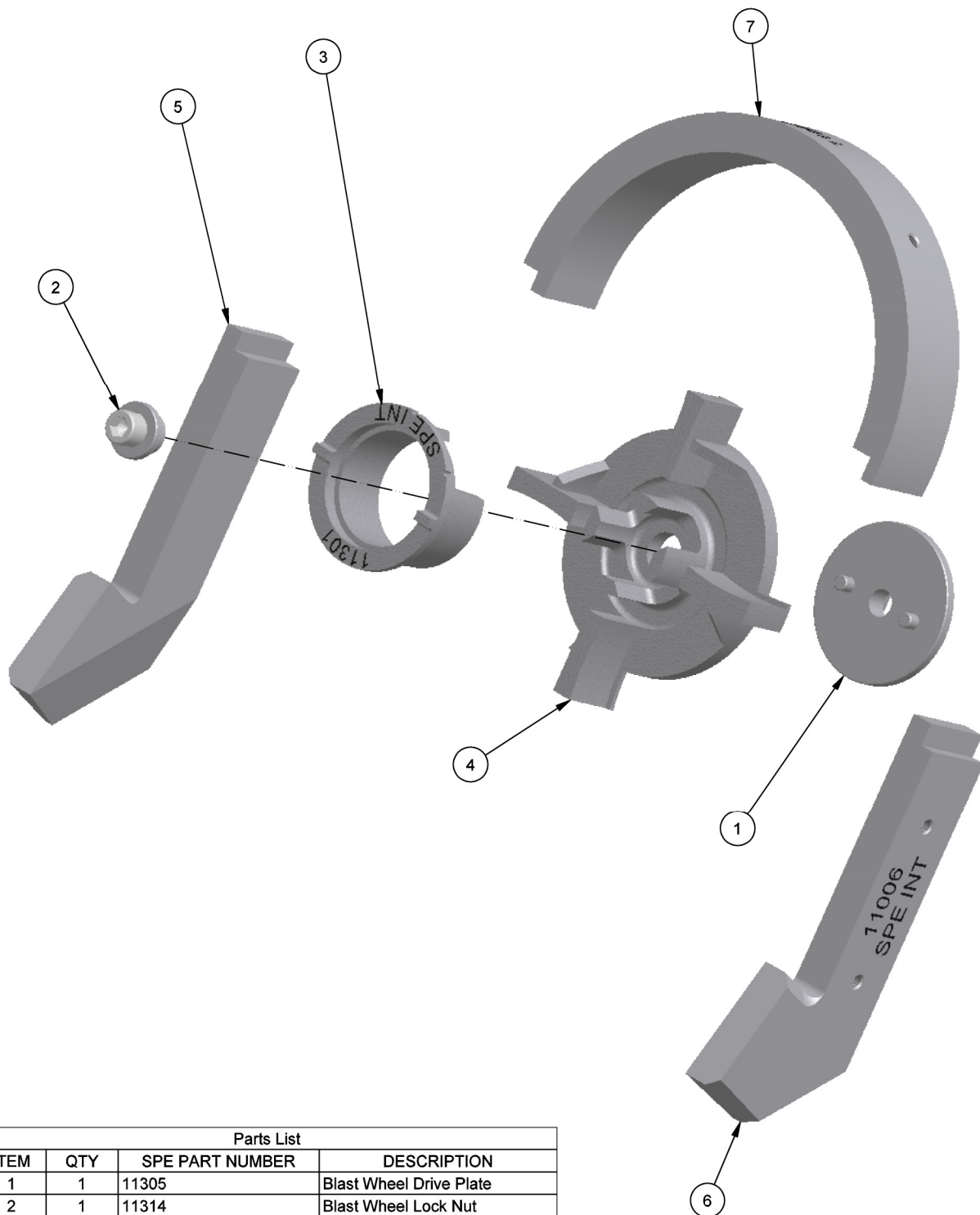
This drawing should not be used, copied, shown or handed to a third party without the prior written consent of SPE International Ltd.



SPE International Limited
Honeyholes Lane, Dunholme
Lincoln, LN2 3SU, England
Tel: +44 (0) 1673 860 709
or +44 (0) 1673 860 330
Fax: +44 (0) 1673 861 119
Web Site: <http://www.spe-int.com>
E-mail: sales@spe-int.com

**THIS DRAWING IS THE CONFIDENTIAL COPYRIGHT
PROPERTY OF SPE INTERNATIONAL LIMITED**

PROPERTY OF SPE INTERNATIONAL LIMITED			
Drawn	TITLE		
D.G.A.	Body Components		
Checked	Drawing No.		MACHINE
P.A.	SPE-9G Bdy-01		SPE 9G-1



Parts List			
ITEM	QTY	SPE PART NUMBER	DESCRIPTION
1	1	11305	Blast Wheel Drive Plate
2	1	11314	Blast Wheel Lock Nut
3	1	11301	Blast Wheel Cage
4	1	11302	Blast Wheel Assembly
5	1	11005	Right Hand Side Liner
6	1	11006	Left Hand Side Liner
7	1	11004	Hood Liner

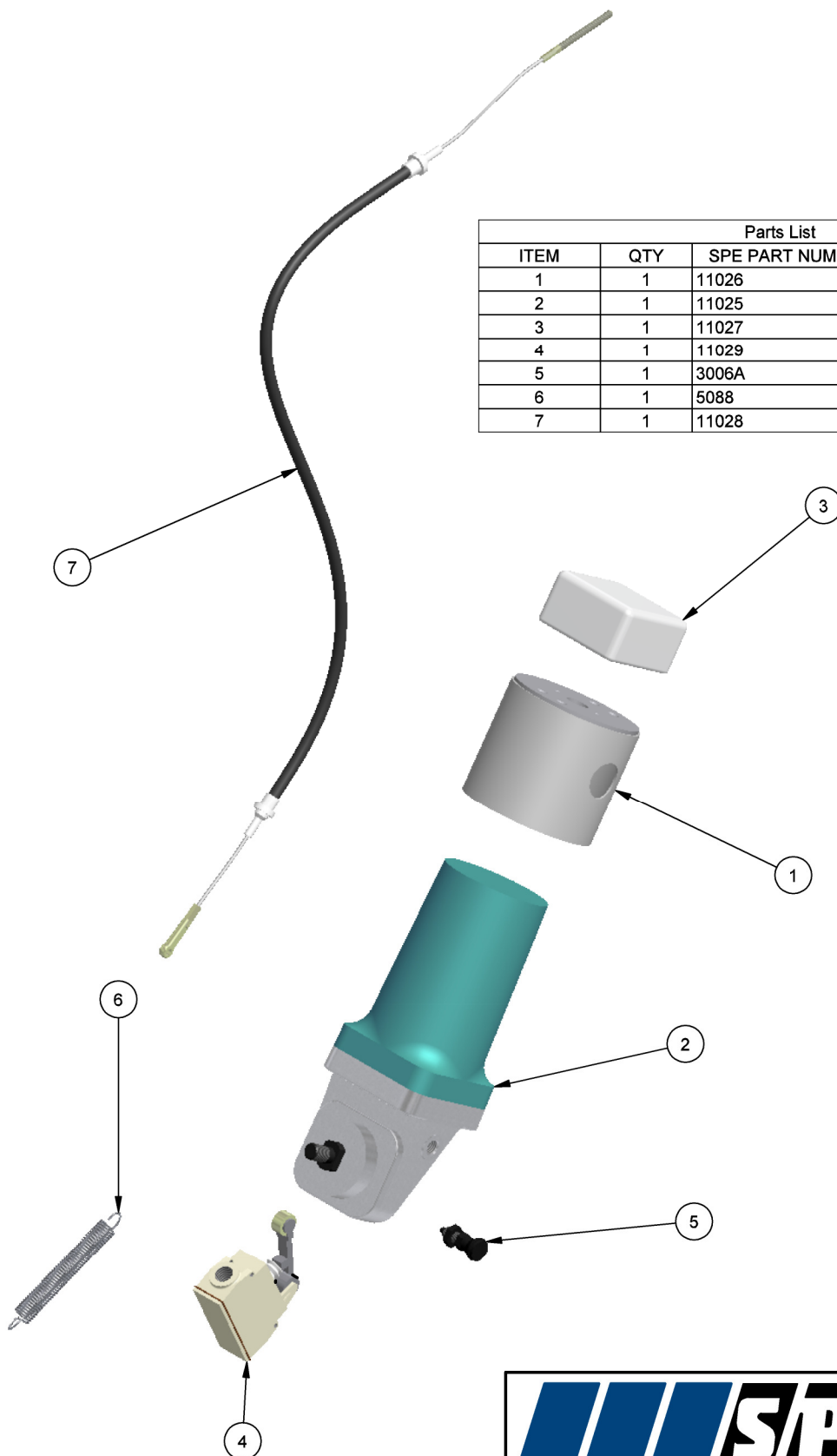
This drawing should not be used, copied, shown or handed to a third party without the prior written consent of SPE International Ltd.



SPE International Limited
Honeyholes Lane, Dunholme
Lincoln, LN2 3SU, England
Tel: +44 (0) 1673 860 709
or +44 (0) 1673 860 330
Fax: +44 (0) 1673 861 119
Web Site: <http://www.spe-int.com>
E-mail: sales@spe-int.com

**THIS DRAWING IS THE CONFIDENTIAL COPYRIGHT
PROPERTY OF SPE INTERNATIONAL LIMITED**

Drawn	TITLE Castings & Blasting Components	
D.G.A.		
Checked	Drawing No.	MACHINE
P.A.	SPE-9G_Bst-01	SPE 9G-1



Parts List			
ITEM	QTY	SPE PART NUMBER	DESCRIPTION
1	1	11026	Motor Cover
2	1	11025	Blast Motor
3	1	11027	Terminal Box
4	1	11029	Micro-Switch
5	1	3006A	Locking Plunger
6	1	5088	Spring
7	1	11028	Control Cable

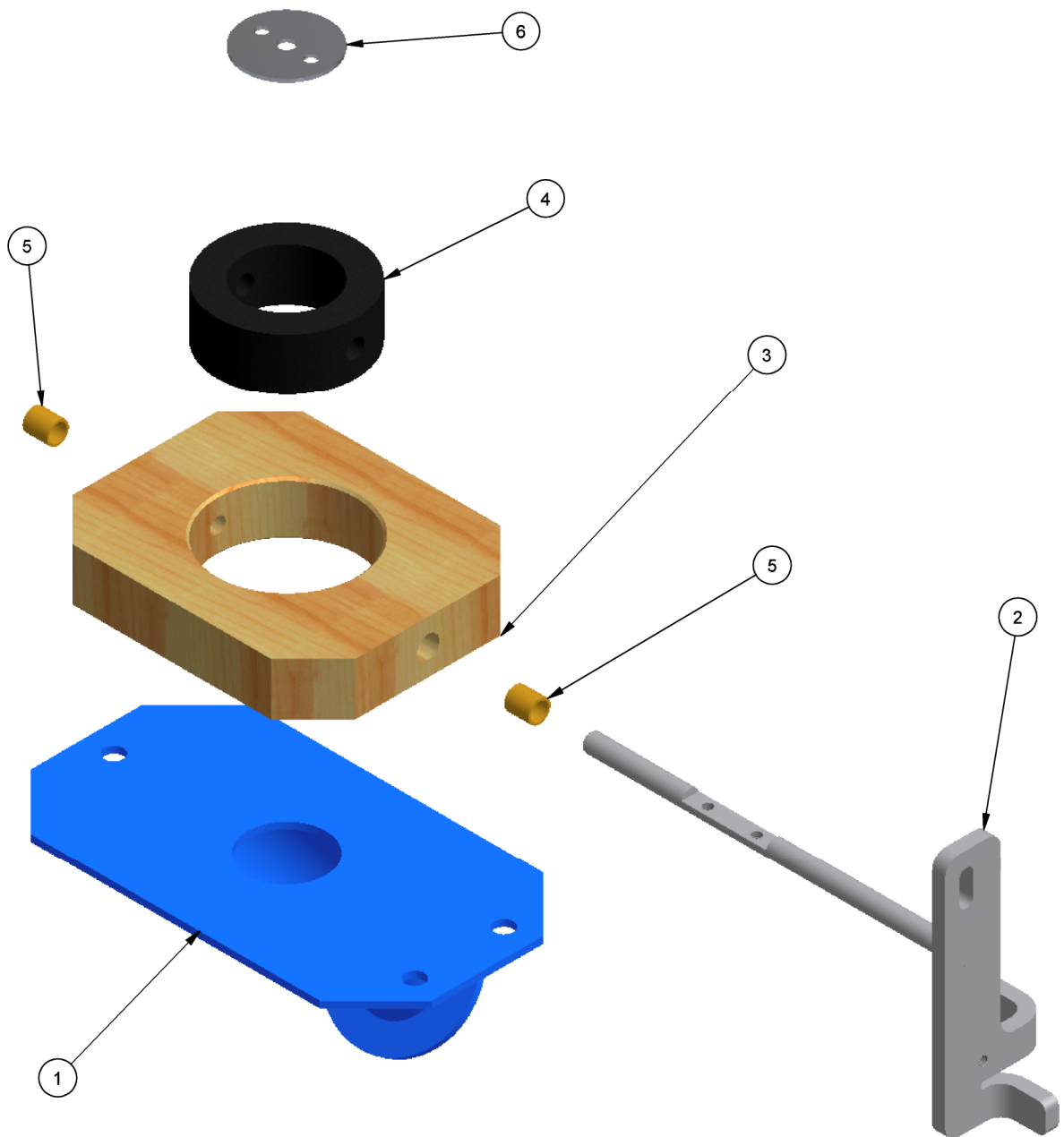
This drawing should not be used, copied, shown or handed to a third party without the prior written consent of SPE International Ltd.



SPE International Limited
Honeyholes Lane, Dunholme
Lincoln, LN2 3SU, England
Tel: +44 (0) 1673 860 709
or +44 (0) 1673 860 330
Fax: +44 (0) 1673 861 119
Web Site: <http://www.spe-int.com>
E-mail: sales@spe-int.com

**THIS DRAWING IS THE CONFIDENTIAL COPYRIGHT
PROPERTY OF SPE INTERNATIONAL LIMITED**

Drawn	TITLE Power & Control Components	
D.G.A.		
Checked	Drawing No. SPE-9G_PwC-01	MACHINE
P.A.		SPE 9G-1



Parts List			
ITEM	QTY	SPE PART NUMBER	DESCRIPTION
1	1	11002	Feed Spout
2	1	11030	Valve Block Spindle
3	1	11400	Valve Block
4	1	11401	Valve Block Liner
5	2	11403	Valve Block Oilite Bush
6	1	11405	Shot Valve Butterfly

This drawing should not be used, copied, shown or handed to a third party without the prior written consent of SPE International Ltd.



SPE International Limited
Honeyholes Lane, Dunholme
Lincoln, LN2 3SU, England
Tel: +44 (0) 1673 860 709
or +44 (0) 1673 860 330
Fax: +44 (0) 1673 861 119
Web Site: <http://www.spe-int.com>
E-mail: sales@spe-int.com

**THIS DRAWING IS THE CONFIDENTIAL COPYRIGHT
PROPERTY OF SPE INTERNATIONAL LIMITED**

Drawn	TITLE Shot Valve Components	
D.G.A.		
Checked	Drawing No. SPE-9G_ShV-01	MACHINE
P.A.		SPE 9G-1