

**SGC –C46 – 2011**  
**SPARK PROOF & STEEL TOOLS**

ITEM	DESCRIPTION	SIZE	LONG mm.	WIDTH mm.	Height mm.	Weight Gm.	UNIT	QTY.	
ONE	SPARK - PROOF DOUBLE OPEN END WRENCHES MADE FROM COPPER - BERYLLIUM ALLOY. (must be equal or more than the required length)	#							
		1	(16*17)	150	-	-	-	NOS.	10
		2	(18*19)	170	-	-	-	NOS.	10
		3	(20*22)	180	-	-	-	NOS.	10
		4	(21*23)	190	-	-	-	NOS.	10
		5	(22*24)	190	-	-	-	NOS.	10
		6	(24*27)	200	-	-	-	NOS.	10
		7	(27*30)	210	-	-	-	NOS.	10
		8	(30*32)	250	-	-	-	NOS.	10
		9	(32*36)	250	-	-	-	NOS.	10
		10	(36*41)	300	-	-	-	NOS.	10
		11	(41*46)	300	-	-	-	NOS.	10
		12	(46*50)	320	-	-	-	NOS.	10
		13	(50*55)	325	-	-	-	NOS.	10
		14	(55*60)	350	-	-	-	NOS.	10
TWO	SPARK – PROOF WEDGES MADE FROM COPPER- BERYLLIUM ALLOY. (must be equal or more than the required length)	#							
		1	-	150	25	-	-	NOS.	20
		2	-	230	40	-	-	NOS.	20
THREE	SPARK – PROOF FLAT CHISELS MADE FROM COPPER- BERYLLIUM ALLOY. (must be equal or more than the required length)	#							
		1	-	150	22	-	-	NOS.	20
		2	-	250	24	-	-	NOS.	20
FOUR	SPARK – PROOF DOUBLE ENDED OFFEST RING WRENCHES MADE FROM COPPER- BERYLLIUM ALLOY. (must be equal or more than the required length)	#							
		1	(17*19)	200	-	-	-	NOS.	10
		2	(19*22)	240	-	-	-	NOS.	10
		3	(22*24)	240	-	-	-	NOS.	10
		4	(27*30)	330	-	-	-	NOS.	10
		5	(30*32)	350	-	-	-	NOS.	10
		6	(32*36)	360	-	-	-	NOS.	10
		7	(36*41)	370	-	-	-	NOS.	10
		8	(41*46)	400	-	-	-	NOS.	10
		9	(46*50)	450	-	-	-	NOS.	10
		10	(50*55)	490	-	-	-	NOS.	10
FIVE	SPARK – PROOF ADJUSTABLE WRENCHES MADE FROM COPPER-	#	SIZE OF NUT						
		1	24	190	-	-	-	NOS.	10

	<b>BERYLLIUM ALLOY. (must be equal or more than the required length)</b>	<b>2</b>	<b>32</b>	<b>230</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>3</b>	<b>40</b>	<b>270</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>4</b>	<b>50</b>	<b>310</b>	-	-	-	<b>NOS.</b>	<b>10</b>
<b>SIX</b>	<b>SPARK – PROOF HEAVY DUTY PIPE WRENCHES MADE FROM COPPER- BERYLLIUM ALLOY. (must be equal or more than the required length)</b>	<b>#</b>	<b>SIZE</b>						
		<b>1</b>	<b>1" - 34mm</b>	<b>200</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>2</b>	<b>2" - 60mm</b>	<b>310</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>3</b>	<b>2 ½ " - 76mm</b>	<b>400</b>	-	-	-	<b>NOS.</b>	<b>10</b>

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>SIZE</b>	<b>LONG mm.</b>	<b>WIDTH mm.</b>	<b>Height mm.</b>	<b>Weight Gm.</b>	<b>UNIT</b>	<b>QTY.</b>	
<b>SEVEN</b>	<b>A – SPARK - PROOF RING SLOGGING WRENCHES MADE FROM COPPER-BERYLLIUM ALLOY. (must be equal or more than the required length)</b>	<b>#</b>							
		<b>1</b>	<b>24</b>	<b>130</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>2</b>	<b>27</b>	<b>135</b>	-	-	-	<b>NOS.</b>	<b>15</b>
		<b>3</b>	<b>30</b>	<b>140</b>	-	-	-	<b>NOS.</b>	<b>15</b>
		<b>4</b>	<b>32</b>	<b>150</b>	-	-	-	<b>NOS.</b>	<b>15</b>
		<b>5</b>	<b>36</b>	<b>180</b>	-	-	-	<b>NOS.</b>	<b>15</b>
		<b>6</b>	<b>41</b>	<b>200</b>	-	-	-	<b>NOS.</b>	<b>15</b>
		<b>7</b>	<b>46</b>	<b>200</b>	-	-	-	<b>NOS.</b>	<b>15</b>
		<b>8</b>	<b>50</b>	<b>220</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>9</b>	<b>55</b>	<b>240</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>10</b>	<b>60</b>	<b>250</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>11</b>	<b>65</b>	<b>270</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>12</b>	<b>70</b>	<b>270</b>	-	-	-	<b>NOS.</b>	<b>5</b>
		<b>13</b>	<b>75</b>	<b>300</b>	-	-	-	<b>NOS.</b>	<b>5</b>
		<b>14</b>	<b>80</b>	<b>310</b>	-	-	-	<b>NOS.</b>	<b>5</b>
		<b>15</b>	<b>85</b>	<b>315</b>	-	-	-	<b>NOS.</b>	<b>5</b>
	<b>16</b>	<b>90</b>	<b>350</b>	-	-	-	<b>NOS.</b>	<b>5</b>	
	<b>B – SPARK - PROOF OPEN END SLOGGING WRENCHES MADE FROM COPPER - BERYLLIUM ALLOY. (must be equal or more than the required length)</b>	<b>#</b>							
		<b>1</b>	<b>24</b>	<b>130</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>2</b>	<b>27</b>	<b>135</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>3</b>	<b>30</b>	<b>140</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>4</b>	<b>32</b>	<b>150</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>5</b>	<b>36</b>	<b>180</b>	-	-	-	<b>NOS.</b>	<b>15</b>
		<b>6</b>	<b>41</b>	<b>200</b>	-	-	-	<b>NOS.</b>	<b>15</b>
		<b>7</b>	<b>46</b>	<b>200</b>	-	-	-	<b>NOS.</b>	<b>15</b>
		<b>8</b>	<b>50</b>	<b>220</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>9</b>	<b>55</b>	<b>240</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>10</b>	<b>60</b>	<b>250</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>11</b>	<b>65</b>	<b>280</b>	-	-	-	<b>NOS.</b>	<b>10</b>
		<b>12</b>	<b>70</b>	<b>310</b>	-	-	-	<b>NOS.</b>	<b>5</b>
		<b>13</b>	<b>75</b>	<b>340</b>	-	-	-	<b>NOS.</b>	<b>5</b>
		<b>14</b>	<b>80</b>	<b>340</b>	-	-	-	<b>NOS.</b>	<b>5</b>
<b>15</b>		<b>85</b>	<b>350</b>	-	-	-	<b>NOS.</b>	<b>5</b>	
<b>16</b>	<b>90</b>	<b>360</b>	-	-	-	<b>NOS.</b>	<b>5</b>		

EIGHT	SPARK - PROOF PUSH - THROUGH SQUARE DRIVE RATCHET MADE FROM COPPER - BERYLLIUM ALLOY WITH SPARK PROOF SOCKET SET FROM (12 MM - 32 MM) ( 24 PCS.) (6 BIT ) (5 SOCKET DRIVES ). (must be equal or more than the required length)		-	-	-	-	SET	3	

ITEM	DESCRIPTION	SIZE OF NUT	LONG mm.	WIDTH mm.	Height mm.	Weight Gm.	UNIT	QTY.	
NINE	SPARK - PROOF COMBINATION WRENCHES OPEN & OFFSET RING ENDS MADE FROM COPPER - BERYLLIUM ALLOY ( HEAVY SERIES ). (must be equal or more than the required length)	#							
		1	(19*19)	200	-	-	-	NOS.	10
		2	(20*20)	225	-	-	-	NOS.	10
		3	(22*22)	240	-	-	-	NOS.	10
		4	(24*24)	255	-	-	-	NOS.	10
		5	(27*27)	270	-	-	-	NOS.	10
		6	(30*30)	300	-	-	-	NOS.	10
		7	(32*32)	325	-	-	-	NOS.	10
		8	(41*41)	360	-	-	-	NOS.	10
		9	(46*46)	400	-	-	-	NOS.	10
		10	(50*50)	420	-	-	-	NOS.	10
		11	(55*55)	435	-	-	-	NOS.	10
		12	(60*60)	460	-	-	-	NOS.	10
		13	(65*65)	470	-	-	-	NOS.	8
		14	(70*70)	480	-	-	-	NOS.	5
		15	(75*75)	490	-	-	-	NOS.	5
16	(80*80)	500	-	-	-	NOS.	5		
TEN	SPARK - PROOF SLEDGEHAMMER MADE FROM BRONZE - ALUMINUM ALLOY WOODEN SHAFT WITH (20) SPARE SHAFT FOR EACH WEIGHT. (must be equal or more than the required length)	#							
		1	-	300	-	97	1000	NOS.	5
		2	-	300	-	110	1500	NOS.	10
		3	-	320	-	120	2000	NOS.	10
		4	-	800	-	140	3000	NOS.	10
5	-	850	-	160	5000	NOS.	10		
ELEVEN	PINCH BAR MADE FROM BRONZE - ALUMINUM ALLOY. (must be equal or more than the required length)	#							
		1		300	-	-	-	NOS.	15
		2		400	-	-	-	NOS.	15
		3		500	-	-	-	NOS.	15
4		600	-	-	-	NOS.	15		

TWELV	A - BRUSH WITH SPARK – PROOF WIRES MADE FROM COPPER - BERYLLIUM ALLOY. (must be equal or more than the required length)	-	-	-	-	NOS.	15
	B - BRUSH – BRASS WIRES.	-	-	-	-	NOS.	15
	C - FILE BRUSH.	-	-	-	-	NOS.	15
	D - SCRAPER MADE FROM BRONZE – ALUMINUM ALLOY.	-	-	-	-	NOS.	15
THIRTEEN	MOBILE ROLLER CABINET WITH (7) DRAWERS (588*367)MM WITH BALL BEARING SLIDES. (1) DRAWER (50)MM HIGH , (4) DRAWERS (80)MM, (2) DRAWERS (160)MM. SAFETY LOCK PROTECTED BY FOAMED RUBBER, STATIC LOAD CAPACITY (250)KG, ALUMINUM SLIP PROOF WORK TOP.  (must be equal or more than the required length)	-	-	-	-	NOS.	15

ITEM	DESCRIPTION	SIZE	LONG mm.	WIDTH mm.	HEIGHT mm.	WEIGHT Gm.	UNIT	QTY.	
FOURTEEN	COMBINATION WRENCHES DOUBLE DEEP OFFSET RING ENDS HEAVY DUTY SERIES DOUBLE OPEN END WRENCHES. (must be equal or more than the required length)								
	A - FLAT RING.	#							
		1	16	190	-	-	-	NOS.	10
		2	17	200	-	-	-	NOS.	10
		3	18	200	-	-	-	NOS.	10
		4	19	220	-	-	-	NOS.	10
		5	20	220	-	-	-	NOS.	10
		6	22	230	-	-	-	NOS.	15
		7	24	240	-	-	-	NOS.	15
		8	27	300	-	-	-	NOS.	15
		9	30	300	-	-	-	NOS.	15
		10	32	330	-	-	-	NOS.	15
		11	36	400	-	-	-	NOS.	10
		12	41	440	-	-	-	NOS.	10
		13	46	500	-	-	-	NOS.	10
		14	50	500	-	-	-	NOS.	10
		15	55	500	-	-	-	NOS.	10
		16	60	500	-	-	-	NOS.	10
		17	65	500	-	-	-	NOS.	10
18	70	500	-	-	-	NOS.	10		

<b>B - DOUBLE OPEN ENDS.</b>	#								
	1	(16*17)	190	-	-	-	NOS.	10	
	2	(18*19)	200	-	-	-	NOS.	10	
	3	(20*22)	210	-	-	-	NOS.	10	
	4	(22*24)	220	-	-	-	NOS.	10	
	5	(24*27)	235	-	-	-	NOS.	10	
	6	(27*30)	250	-	-	-	NOS.	15	
	7	(30*32)	300	-	-	-	NOS.	15	
	8	(32*36)	350	-	-	-	NOS.	15	
	9	(36*41)	350	-	-	-	NOS.	15	
	10	(41*46)	400	-	-	-	NOS.	15	
	11	(46*50)	400	-	-	-	NOS.	10	
	12	(50*55)	475	-	-	-	NOS.	10	
	13	(55*60)	475	-	-	-	NOS.	10	
	14	(60*65)	475	-	-	-	NOS.	10	
15	(65*70)	500	-	-	-	NOS.	10		
<b>C - DOUBLE OFFSET RING.</b>	#								
	1	(16*17)	202	-	-	-	NOS.	10	
	2	(18*19)	220	-	-	-	NOS.	10	
	3	(20*22)	235	-	-	-	NOS.	10	
	4	(22*24)	245	-	-	-	NOS.	10	
	5	(24*27)	262	-	-	-	NOS.	10	
	6	(27*30)	284	-	-	-	NOS.	15	
7	(30*32)	325	-	-	-	NOS.	15		
	8	(32*36)	375	-	-	-	NOS.	15	
	9	(36*41)	375	-	-	-	NOS.	15	
	10	(41*46)	425	-	-	-	NOS.	15	
	11	(46*50)	375	-	-	-	NOS.	10	
	12	(50*55)	500	-	-	-	NOS.	10	
	13	(55*60)	500	-	-	-	NOS.	10	
	14	(60*65)	500	-	-	-	NOS.	10	
	15	(65*70)	500	-	-	-	NOS.	10	
<b>FIFTEEN</b>	<b>OPEN END &amp; RING SLOGGING WRENCHES, OFFSET RING (must be equal or more than the required length)</b>								
	<b>A - OPEN END WRENCH.</b>	#							
		1	27	175	-	-	-	NOS.	10
		2	30	180	-	-	-	NOS.	10
		3	32	180	-	-	-	NOS.	10
		4	36	200	-	-	-	NOS.	10
		5	41	200	-	-	-	NOS.	10
		6	46	230	-	-	-	NOS.	10
		7	50	250	-	-	-	NOS.	10
		8	55	280	-	-	-	NOS.	10
		9	60	290	-	-	-	NOS.	10
		10	65	300	-	-	-	NOS.	10
		11	70	350	-	-	-	NOS.	10
		12	75	350	-	-	-	NOS.	10
13	80	380	-	-	-	NOS.	10		

	<b>B - RING WRENCH.</b>	#								
		1	24	160	-	-	-	NOS.	10	
		2	27	170	-	-	-	NOS.	10	
		3	30	175	-	-	-	NOS.	10	
		4	32	175	-	-	-	NOS.	10	
		5	36	185	-	-	-	NOS.	10	
		6	41	200	-	-	-	NOS.	10	
		7	46	200	-	-	-	NOS.	10	
		8	50	220	-	-	-	NOS.	10	
		9	55	230	-	-	-	NOS.	10	
		10	60	250	-	-	-	NOS.	10	
		11	65	280	-	-	-	NOS.	10	
		12	70	300	-	-	-	NOS.	10	
		13	75	310	-	-	-	NOS.	10	
14	80	330	-	-	-	NOS.	10			
	<b>C - HEAVY DUTY OFF SET WRENCH RING.</b>	#								
		1	24	38	-	-	-	NOS.	10	
		2	27	41	-	-	-	NOS.	10	
		3	30	48	-	-	-	NOS.	10	
		4	32	49	-	-	-	NOS.	10	
		5	36	54	-	-	-	NOS.	10	
		6	41	62	-	-	-	NOS.	10	
		7	46	69	-	-	-	NOS.	10	
		8	50	74	-	-	-	NOS.	10	
		9	55	81	-	-	-	NOS.	10	
		10	60	90	-	-	-	NOS.	10	
		11	65	95	-	-	-	NOS.	10	
		12	70	105	-	-	-	NOS.	10	
		13	75	110	-	-	-	NOS.	10	
14	80	120	-	-	-	NOS.	10			
<b>SIXTEEN</b>	<b>RATCHET WRENCHES.</b> (must be equal or more than the required length)									
	<b>A – ( 21 ) SOCKETS &amp; ( 6 ) ACCESSORIES</b> ( ½ " ), SOCKETS SIZES ( 10 – 32 )MM.							SET	3	
	<b>B – ( 11 ) SOCKETS &amp; ( 7 ) ACCESSORIES</b> ( ¾ " ), SOCKETS SIZES ( 22 , 24 , 27 , 30 , 32 , 36 , 41 , 46 , 50 )MM.		-	-	-	-	-	SET	3	
<b>SEVENTEEN</b>			<b>DIAMETER MM.</b>							
	<b>SPARK – PROOF PUNCH MADE FROM COPPER – BERYLLIUM ALLOY.</b>		#							
	(must be equal or more than the required length)		1	8	120				NOS.	20
			2	10	145				NOS.	20
		3	12	150				NOS.	20	

**THE SUPPLIER SHALL UNDER TAKE THE FOLLOWINGS :**

- 1) **CERTIFICATE OF ORIGIN SHOULD BE ATTACHED WITH THE TECHNICAL OFFER.**
- 2) **SUPPLY OF ALL TEST CERTIFICATES FOR INDIVIDUAL ITEMS INCLUDING ALL TESTS PERFORMED.**
- 3) **ISO CERTIFICATE AND/OR ANY OTHER CERTIFICATE ISSUED BY AN INTERNATIONALLY ACCREDITED CLASSIFICATION SOCIETY.**
- 4) **RELEVANT CATALOGUES , DIAGRAMS AND DATA SHEETS TO BE SUBMITTED WITHIN THE OFFER .**
- 5) **DELIVERY PERIOD SHOULD BE CLARIFY IN THE OFFER.**
- 6) **ORIGNS SHUOLD BE ( U.S.A. , JAPAN, KORIA OR EUROPE).**