













			 SERVICE TECHNIQUE SOUDAGE 								
Adresse URL : http://www.soudeurs.com Email : info@soudeurs.com			LISTE RECAPITULATIVE DES GAZ DE SOUDAGE					Date : 17/06/2012			
			SOCIETE COMMERCIALE : MESSER					Heure: 09:48:02 Page : 1 Par : L'EQUIPE TECHNIQUE DU SITE			
Chrono	Marque commerciale	Désignation commerciale	Composition ou Mélange	Norme EN 439	Composition nominale en %						
					Ar	He	CO2	O2	H2	N2	
469	MESSER	ALULINE He 15N	Ar+15%He	ISO 14175-Z	85.0	15.0				0.1	
470	MESSER	ALULINE He 30	Ar+30%He	ISO 14175-I 3	70.0	30.0					
494	MESSER	ALULINE He 5	Ar+5%He	ISO 14175-I 3	95.0	5.0					
471	MESSER	ALULINE He 50	Ar+50%He	ISO 14175-I 3	50.0	50.0					
473	MESSER	ALULINE He 50N	Ar+50%He+0,015%N2	ISO 14175-Z	49.0	50.0					
472	MESSER	ALULINE He 70	Ar+70%He	ISO 14175-I 3	30.0	70.0					
479	MESSER	ALULINE N	Ar+0,015% N2	ISO 14175-Z	99.0						
170	MESSER	ALUMIX He 15	Ar+15%He	ISO 14175-I 3	85.0	15.0					
167	MESSER	ALUMIX He 30	Ar+30%He	ISO 14175-I 3	70.0	30.0					
153	MESSER	ALUMIX He 30 N	Ar+30%He+0,015%N2	ISO 14175-Z	69.0	30.0					
493	MESSER	ALUMIX He 5	Ar+5%He	ISO 14175-I 3	95.0	5.0				0.1	
168	MESSER	ALUMIX He 50	Ar+50%He	ISO 14175-I 3	50.0	50.0					
154	MESSER	ALUMIX He 50 N	Ar+50%He+0,015%N2	ISO 14175-Z	49.0	50.0					
169	MESSER	ALUMIX He 70	Ar+70%He	ISO 14175-I 3	30.0	70.0					
155	MESSER	ALUMIX He 70 N	He+29%Ar+0,015%N2	ISO 14175-Z	29.0	70.0					
161	MESSER	ALUMIX N	Ar+0,015% N2	ISO 14175-Z	99.0						
183	MESSER	ARGOMAG He	Ar+15%He+2%CO2	ISO 14175-M 12	83.0	15.0	2.0				
26	MESSER	ARGOMAG K	Ar+2,5%CO2	ISO 14175-M 12	97.5		2.5				
178	MESSER	ARGOMAG S	Ar+1,0%O2	ISO 14175-M 13	99.0			1.0			
25	MESSER	ARGOMAG S1	Ar+1,0%O2	ISO 14175-M 13	99.0			1.0			

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			SOCIETE COMMERCIALE : MESSER												
Chrono	Marque commerciale	Désignation commerciale	Composition ou Mélange	Norme EN 439	Composition nominale en %						N2				
					Ar	He	CO2	O2	H2						
179	MESSER	ARGOMAG S3	Ar+3,0%O2	ISO 14175-M 13	97.0			3.0							
180	MESSER	ARGOMAG T	Ar+20%He+8%CO2	ISO 14175-M 20	72.0	20.0	8.0								
184	MESSER	ARGOMIX 10	Ar+5%CO2+5%O2	ISO 14175-M 23	90.0		5.0	5.0							
186	MESSER	ARGOMIX 18 (1)	Ar+17%CO2+1%O2	ISO 14175-M 26	82.0		17.0	1.0							
187	MESSER	ARGOMIX 18 (3)	Ar+15%CO2+3%O2	ISO 14175-M 24	82.0		15.0	3.0							
185	MESSER	ARGOMIX 20	Ar+15%CO2+5%O2	ISO 14175-M 25	80.0		15.0	5.0							
188	MESSER	ARGOMIX 4	Ar+4,0%O2	ISO 14175-M 22	96.0			4.0							
22	MESSER	ARGOMIX D	Ar+8,0%O2	ISO 14175-M 22	92.0			8.0							
115	MESSER	ARGON	Ar	ISO 14175-I 1	100.0										
189	MESSER	ARGON 4,5	Ar	ISO 14175-I 1	100.0										
32	MESSER	ARGON 4,6	Ar	ISO 14175-I 1	100.0										
190	MESSER	ARGON 4,8	Ar	ISO 14175-I 1	100.0										
191	MESSER	ARGON 5,0	Ar	ISO 14175-I 1	100.0										
133	MESSER	ARGON H 2.5	Ar+2,5%H2	ISO 14175-R 1	98.5				2.5						
37	MESSER	ARGON H 3	Ar+3,0%H2	ISO 14175-R 1	97.0				3.0						
38	MESSER	ARGON H 5	Ar+5,0%H2	ISO 14175-R 1	95.0				5.0						
39	MESSER	ARGON H 7	Ar+7,0%H2	ISO 14175-R 1	93.0				7.0						
40	MESSER	ARGON H10	Ar+10%H2	ISO 14175-R 1	90.0				10.0						
41	MESSER	ARGON H20	Ar+20%H2	ISO 14175-R 2	80.0				20.0						
34	MESSER	ARGON He 30	Ar+30%He	ISO 14175-I 3	70.0	30.0									

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			SOCIETE COMMERCIALE : MESSER					Heure: 09:48:02 Page : 3 Par : L'EQUIPE TECHNIQUE DU SITE			
Chrono	Marque commerciale	Désignation commerciale	Composition ou Mélange	Norme EN 439	Composition nominale en %						
					Ar	He	CO2	O2	H2	N2	
35	MESSER	ARGON He 50	Ar+50%He	ISO 14175-I 3	50.0	50.0				100.0	
36	MESSER	ARGON He 70	Ar+70%He	ISO 14175-I 3	30.0	70.0					
128	MESSER	ARGON U	Ar	ISO 14175-I 1	100.0						
197	MESSER	ARGON W2	Ar+2,0%H2	ISO 14175-R 1	98.0				2.0		
198	MESSER	ARGON W5	Ar+5,0%H2	ISO 14175-R 1	95.0				5.0		
199	MESSER	ARGON W7.5	Ar+7,5%H2	ISO 14175-R 1	92.5				7.5		
27	MESSER	ARNITROX	Ar+3%CO2+1%H2	ISO 14175-M 11	96.0		3.0		1.0		
28	MESSER	ARNITROX He	Ar+20%He+3%CO2+1%H2	ISO 14175-M 11	76.0	20.0	3.0		1.0		
44	MESSER	AZOTE	N2	ISO 14175-N 1							95.0
42	MESSER	AZOTE H 5	N2+5,0%H2	ISO 14175-N 5					5.0		90.0
43	MESSER	AZOTE H10	N2+10%H2	ISO 14175-N 5					10.0		
88	MESSER	CO2	CO2	ISO 14175-C 1			100.0				
496	MESSER	DUPLEX I3	Ar+2,0% N2	ISO 14175-Z	98.0						2.0
481	MESSER	FERROLINE C 8	Ar+8,0%CO2	ISO 14175-M 20	92.0		8.0				
487	MESSER	FERROLINE C12 X2	Ar+15%CO2+2%O2	ISO 14175-M 24	83.0		15.0	2.0			
488	MESSER	FERROLINE C15 X5	Ar+15%CO2+5%O2	ISO 14175-M 25	80.0		15.0	5.0			
482	MESSER	FERROLINE C18	Ar+18%CO2	ISO 14175-M 21	82.0		18.0				
485	MESSER	FERROLINE C5 X5	Ar+5%CO2+5%O2	ISO 14175-M 23	90.0		5.0	5.0			
484	MESSER	FERROLINE X 4	Ar+5,0%O2	ISO 14175-M 22	96.0			4.0			
156	MESSER	FERROMIX C 8	Ar+8,0%CO2	ISO 14175-M 20	92.0		8.0				

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Chrono	Marque commerciale	Désignation commerciale	Composition ou Mélange	Norme EN 439	Composition nominale en %						N2					
					Ar	He	CO2	O2	H2							
486	MESSER	FERROMIX C12 X2	Ar+15%CO2+2%O2	ISO 14175-M 24	83.0		15.0	2.0								
249	MESSER	FERROMIX C15 X3	Ar+15%CO2+3%O2	ISO 14175-M 24	82.0		15.0	3.0								
250	MESSER	FERROMIX C15 X5	Ar+15%CO2+5%O2	ISO 14175-M 25	80.0		15.0	5.0								
251	MESSER	FERROMIX C17 X1	Ar+17%CO2+1%O2	ISO 14175-M 26	82.0		17.0	1.0								
157	MESSER	FERROMIX C18	Ar+18%CO2	ISO 14175-M 21	82.0		18.0									
252	MESSER	FERROMIX C2 N	Ar+2,0%CO2	ISO 14175-M 12	97.5		2.0									
158	MESSER	FERROMIX C25	Ar+25%CO2	ISO 14175-M 21	75.0		25.0									
253	MESSER	FERROMIX C5 X5	Ar+5%CO2+5%O2	ISO 14175-M 23	90.0		5.0	5.0								
254	MESSER	FERROMIX C8 He20	Ar+20%He+8%CO2	ISO 14175-M 20	72.0	20.0	8.0									
160	MESSER	FERROMIX X 4	Ar+5,0%O2	ISO 14175-M 22	96.0			4.0								
255	MESSER	FERROMIX X 8	Ar+8,0%O2	ISO 14175-M 22	92.0			8.0								
256	MESSER	FERROMIX X12	Ar+12%O2	ISO 14175-M 32	88.0			12.0								
498	MESSER	FORMIERGAS H 5	N2+5%H2	ISO 14175-N 5					5.0	95.0						
497	MESSER	FORMIERGAS H10	N2+10%H2	ISO 14175-N 5					10.0	90.0						
33	MESSER	HELIUM	He	ISO 14175-I 2		100.0										
480	MESSER	INOXLINE C2	Ar+2,0%CO2	ISO 14175-M 12	98.0		2.0									
468	MESSER	INOXLINE C3 H1	Ar+3%CO2+1%H2	ISO 14175-M 11	96.0		3.0		1.0							
478	MESSER	INOXLINE H 3	Ar+3,0%H2	ISO 14175-R 1	97.0				3.0							
474	MESSER	INOXLINE H 5	Ar+5,0%H2	ISO 14175-R 1	95.0				5.0							
475	MESSER	INOXLINE H 7	Ar+7,0%H2	ISO 14175-R 1	93.0				7.0							

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			SOCIETE COMMERCIALE : MESSER													
Chrono	Marque commerciale	Désignation commerciale	Composition ou Mélange	Norme EN 439	Composition nominale en %						N2					
					Ar	He	CO2	O2	H2							
477	MESSER	INOXLINE H10	Ar+10%H2	ISO 14175-R 1	90.0					10.0						
476	MESSER	INOXLINE H20	Ar+20%H2	ISO 14175-R 2	80.0					20.0						
495	MESSER	INOXLINE H35	Ar+35%H2	ISO 14175-R 2	65.0					35.0						
490	MESSER	INOXLINE He15 C2	Ar+15%He+2%CO2	ISO 14175-M 12	83.0	15.0	2.0									
492	MESSER	INOXLINE He20 C3 H1	Ar+20%He+3%CO2+1%H2	ISO 14175-M 11	76.0	20.0	3.0			1.0						
483	MESSER	INOXLINE X1	Ar+1,0%O2	ISO 14175-M 13	99.0			1.0								
148	MESSER	INOXMIX C2	Ar+2,0%CO2	ISO 14175-M 12	98.0		2.0									
287	MESSER	INOXMIX C2 He15	Ar+15%He+2%CO2	ISO 14175-M 12	83.0	15.0	2.0									
162	MESSER	INOXMIX C3 H1	Ar+3%CO2+1%H2	ISO 14175-M 11	96.0		3.0			1.0						
150	MESSER	INOXMIX H 2	Ar+2,0%H2	ISO 14175-R 1	98.0					2.5						
147	MESSER	INOXMIX H 5	Ar+5,0%H2	ISO 14175-R 1	95.0					5.0						
151	MESSER	INOXMIX H 7	Ar+7,0%H2	ISO 14175-R 1	93.0					7.0						
152	MESSER	INOXMIX H20	Ar+20%H2	ISO 14175-R 2	80.0					20.0						
489	MESSER	INOXMIX He15 C2	Ar+15%He+2%CO2	ISO 14175-M 12	83.0	15.0	2.0									
288	MESSER	INOXMIX He3 H	Ar+3%He+1%H2	ISO 14175-R 1	96.0	3.0				1.0						
149	MESSER	INOXMIX He30 C3 H1	Ar+30%He+3%CO2+1%H2	ISO 14175-M 11	66.0	30.0	3.0			1.0						
289	MESSER	INOXMIX X1	Ar+1,0%O2	ISO 14175-M 13	99.0			1.0								
290	MESSER	INOXMIX X3	Ar+3,0%O2	ISO 14175-M 13	97.0			3.0								
2	MESSER	KRYGOMAG 18	Ar+18%CO2	ISO 14175-M 21	82.0		18.0									
23	MESSER	KRYGOMIX 10	Ar+5%CO2+5%O2	ISO 14175-M 23	90.0		5.0	5.0								

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SOCIETE COMMERCIALE : MESSER					Date : 17/06/2012 Heure: 09:48:02 Page : 6 Par : L'EQUIPE TECHNIQUE DU SITE						
Adresse URL : http://www.soudeurs.com Email : info@soudeurs.com											
Chrono	Marque commerciale	Désignation commerciale	Composition ou Mélange	Norme EN 439	Composition nominale en %						
					Ar	He	CO2	O2	H2	N2	
24	MESSER	KRYGOMIX 20	Ar+15%CO2+5%O2	ISO 14175-M 25	80.0		15.0	5.0			
291	MESSER	KRYVAL 18	Ar+18%CO2	ISO 14175-M 21	82.0		18.0				
292	MESSER	KRYVAL 2S	Ar+2,0%CO2	ISO 14175-M 12	98.0		2.0				
293	MESSER	KRYVAL 8	Ar+8,0%CO2	ISO 14175-M 20	92.0		8.0				
306	MESSER	MONOMIX He 15	Ar+15%He	ISO 14175-I 3	80.0	15.0					
307	MESSER	MONOMIX He 50	Ar+50%He	ISO 14175-I 3	50.0	50.0					
137	MESSER	MONOMIX I11	Ar+1,5%N2	ISO 14175-N 2	98.5						1.5
134	MESSER	MONOMIX I12	Ar+2,5%N2	ISO 14175-N 2	97.5						2.5
127	MESSER	MONOMIX I31	Ar+16%He+1,3%N2	ISO 14175-N 2	82.7	16.0					1.3
124	MESSER	MONOMIX M12	Ar+2,5%CO2	ISO 14175-M 12	97.5		2.5				
145	MESSER	MONOMIX M121	Ar+15%He+2%CO2	ISO 14175-M 12	83.0	15.0	2.0				
143	MESSER	MONOMIX M122	Ar+10%CO2+5%He	ISO 14175-M 20	85.0	5.0	10.0				
131	MESSER	MONOMIX M18	Ar+18%CO2	ISO 14175-M 21	82.0		18.0				
142	MESSER	MONOMIX M21	Ar+18%CO2	ISO 14175-M 21	82.0		18.0				
141	MESSER	MONOMIX M22	Ar+8,0%O2	ISO 14175-M 22	92.0			8.0			