

**CDG RANGES**

**18 , Nov.2019 (Updated on 03.12.2019)**

Unit	Range	L.C.	First Marking	No. of Marking	Major Markings Without Text	Major Markings With Text
mm H <sub>2</sub> O	0-750(15%)	15	120	44	225,375,525,675	0,150,300,450,600,750
	0-800(15%)	20	120	36	300,500,700	0,200,400,600,800
	0-1000	10	100	92	150,250,350,450,550,650,750,850,950	0,100,200,300,400,500,600,700,800,900,1000
	0-1100	25	125	41	225,475,725,975	0,350,600,850,1100
	0-1200	20	120	56	300,500,700,900,1100	0,200,400,600,800,1000,1200
	0-1250	25	125	47	125,375,625,875,1125	0,250,500,750,1000,1250
	0-1500	25	150	56	200,400,500,700,800,1000,1100,1300,1400	0,300,600,900,1200,1500
	0-1600	20	160	72	300,500,700,900,1100,1300,1500	0,200,400,600,800,1200,1400,1600
	0-1700	30	170	53	350,650,950,1250,1550	0,200,500,800,1100,1400,1700
	0-1800	30	180	55	450,750,1050,1350,1650	0,300,600,900,1200,1500,1800
	0-2000	50	200	38	250,750,1250,1750	0,500,1000,1500,2000
	0-2500	50	250	47	250,750,1250,1750,2250	0,500,1000,1500,2000,2500
	0-3000	50	300	56	750,1250,1750,2250,2750	0,500,1000,1500,2000,2500,3000
	0-3100	40	300	72	500,900,1300,1700,2100,2500,2900	0,300,700,1100,1500,1900,2300,2700,3100
	0-3500	50	350	65	750,1250,1750,2250,2750,3250	0,500,1000,1500,2000,2500,3000,3500
	0-4000	50	400	74	750,1250,1750,2250,2750,3250,3750	0,500,1000,1500,2000,2500,3000,3500,4000
	0-4500	50	450	82	750,1250,1750,2250,2750,3250,3750,4250	0,500,1000,1500,2000,2500,3000,3500,4000,4500
	0-5000	100	500	47	500,1500,2500,3500,4500	0,1000,2000,3000,4000,5000
	0-6000	100	600	56	1500,2500,3500,4500,5500	0,1000,2000,3000,4000,5000,6000
	0-6500	100	600	41	1250,2750,4250,5750	0,2000,3500,5000,6500
	0-7000	100	700	65	1500,2500,3500,4500,5500,6500	0,1000,2000,3000,4000,5000,6000,7000
	0-7500	150	750	47	0,750,2250,3750,5250,6750	1500,3000,4500,6000,7500
	0-8000	200	800	38	1000,3000,5000,7000	0,2000,4000,6000,8000
	0-9000	100	900	83	1500,2500,3500,4500,5500,6500,7500,8500	0,1000,2000,3000,4000,5000,6000,7000,8000,9000
	0-10000	100	1000	92	1500,2500,3500,4500,5500,6500,7500,8500,9500	0,1000,2000,3000,4000,5000,6000,7000,8000,9000,10000
	0-12000	200	1200	56	3000,5000,7000,9000,11000	0,2000,4000,6000,8000,10000,12000
	0-15000	250	1500	56	2000,4000,5000,7000,8000,10000,11000,13000,14000	0,3000,6000,9000,12000,15000
	0-16000	200	1600	72	3000,5000,7000,9000,11000,13000,15000	0,2000,4000,6000,8000,12000,14000,16000
	0-20000	500	2000	38	2500,7500,12500,17500	0,5000,10000,15000,20000
	0-25000	500	2500	47	2500,7500,12500,17500,22500	0,5000,10000,15000,20000,25000
	0-30000	500	3000	56	7500,12500,17500,22500,27500	0,5000,10000,15000,20000,25000,30000
	0-35000	500	3500	65	7500,12500,17500,22500,27500,32500	0,5000,10000,15000,20000,25000,30000,35000
	0-40000	500	4000	74	7500,12500,17500,22500,27500,32500,37500	0,5000,10000,15000,20000,25000,30000,35000,40000
	0-45000	500	4500	82	7500,12500,17500,22500,27500,32500,37500,42500	0,5000,10000,15000,20000,25000,30000,35000,40000,45000
	0-50000	1000	5000	47	5000,15000,25000,35000,45000	0,10000,20000,30000,40000,50000
	0-60000	1000	6000	56	15000,25000,35000,45000,55000	0,10000,20000,30000,40000,50000,60000
	0-70000	1000	7000	65	15000,25000,35000,45000,55000,65000	0,10000,20000,30000,40000,50000,60000,70000
in.H <sub>2</sub> O	0-30 (15%)	0.5	5	52	7.5,12.5,17.5,22.5,27.5	0,5,10,15,20,25,30
	0-40	0.5	4	74	7.5,12.5,17.5,22.5,27.5,32.5,37.5	0,5,10,15,20,25,30,35,40
	0-50	1	5	47	5,15,25,35,45	0,10,20,30,40,50
	0-60	1	6	56	15,25,35,45,55	0,10,20,30,40,50,60

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Unit	Range	L.C.	First Marking	No. of Marking	Major Markings Without Text	Major Markings With Text
	0-70	1	7	65	15,25,35,45,55,65	0,10,20,30,40,50,60,70
	0-80	2	8	38	10,30,50,70	0,20,40,60,80
	0-100	1	10	92	15,25,35,45,55,65,75,85,95	0,10,20,30,40,50,60,70,80,90,100
	0-130	2.5	15	48	20,40,60,80,100,120	0,30,50,70,90,110,130
	0-150	2.5	15	56	20,40,50,70,80,100,110,130,140	0,30,60,90,120,150
	0-200	5	20	38	25,75,125,175	0,50,100,150,200
	0-300	5	30	56	75,125,175,225,275	0,50,100,150,200,250,300
	0-400	5	40	74	75,125,175,225,275,325,375	0,50,100,150,200,250,300,350,400
	0-500	10	50	47	50,150,250,350,450	0,100,200,300,400,500
	0-600	10	60	56	150,250,350,450,550	0,100,200,300,400,500,600
	0-700	10	70	65	150,250,350,450,550,650	0,100,200,300,400,500,600,700
	0-1000	10	100	92	150,250,350,450,550,650,750,850,950	0,100,200,300,400,500,600,700,800,900,1000
	0-2000	50	200	38	250,750,1250,1750	0,500,1000,1500,2000
	0-2500	50	250	47	250,750,1250,1750,2250	0,500,1000,1500,2000,2500
<b>Bar</b>	<b>0-0.075(15%)</b>	<b>0.0015</b>	<b>0.012</b>	<b>44</b>	<b>0.0.0225,0.0375,0.0525,0.0675</b>	<b>0.0.015,0.030,0.045,0.060,0.075</b>
	<b>0-0.08(15%)</b>	<b>0.002</b>	<b>0.012</b>	<b>36</b>	<b>0.03,0.05,0.07</b>	<b>0.0.02,0.04,0.06,0.08</b>
	0-0.1	0.001	0.01	92	0.015,0.025,0.035,0.045,0.055,0.065,0.075,0.085,0.095	0.0.01,0.02,0.03,0.04,0.05,0.06,0.07,0.08,0.09,0.1
	0-0.2	0.005	0.02	38	0.025,0.075,0.125,0.175	0.0.05,0.1,0.15,0.2
	0-0.3	0.005	0.03	56	0.075,0.125,0.175,0.225,0.275	0.0.05,0.1,0.15,0.20,0.25,0.3
	0-0.4	0.005	0.04	74	0.075,0.125,0.175,0.225,0.275,0.325,0.375	0.05,0.1,0.15,0.2,0.25,0.3,0.35,0.4
	0-0.5	0.001	0.05	47	0.05,0.15,0.25,0.35,0.45	0.0.1,0.2,0.3,0.4,0.5
	0-0.6	0.001	0.06	56	0.15,0.25,0.35,0.45,0.55	0.0.1,0.2,0.3,0.4,0.5,0.6
	0-0.7	0.001	0.07	65	0.15,0.25,0.35,0.45,0.55,0.65	0.0.1,0.2,0.3,0.4,0.5,0.6,0.7
	0-0.8	0.002	0.08	38	0.1,0.3,0.5,0.7	0.0.2,0.4,0.6,0.8
	0-1	0.01	0.1	92	0.15,0.25,0.35,0.45,0.55,0.65,0.75,0.85,0.95	0.0.1,0.2,0.3,0.4,0.5,0.6,0.7,0.8,0.9,1.0
	0-2	0.05	0.2	38	0.25,0.75,1.25,1.75	0.0.5,1.0,1.5,2.0
	0-3	0.05	0.3	56	0.75,1.25,1.75,2.25,2.75	0.0.5,1.0,1.5,2.0,2.5,3.0
	0-4	0.05	0.4	74	0.75,1.25,1.75,2.25,2.75,3.25,3.75	0.5,1.0,1.5,2.0,2.5,3.0,3.5,4.0
	0-5	0.01	0.5	47	0.5,1.5,2.5,3.5,4.5	0.1,0.2,0.3,0.4,0.5,0
	0-6	0.01	0.6	56	1.5,2.5,3.5,4.5,5.5	0.1,0.2,0.3,0.4,0.5,0.6,0
	0-7	0.01	0.7	65	1.5,2.5,3.5,4.5,5.5,6.5	0.1,0.2,0.3,0.4,0.5,0.6,0.7,0
<b>mbar</b>	<b>0-75(15%)</b>	<b>1.5</b>	<b>12</b>	<b>44</b>	<b>22.5,37.5,52.5,67.5</b>	<b>0.15,30,45,60,75</b>
	<b>0-80(15%)</b>	<b>2.0</b>	<b>12</b>	<b>36</b>	<b>10,30,50,70</b>	<b>0.20,40,60,80</b>
	0-100	1	10	92	15,25,35,45,55,65,75,85,95	0,10,20,30,40,50,60,70,80,90,100
	0-200	5	20	38	25,75,125,175	0,50,100,150,200
	0-300	5	30	56	75,125,175,225,275	0,50,100,150,200,250,300
	0-400	5	40	74	75,125,175,225,275,325,375	0,50,100,150,200,250,300,350,400
	0-500	10	50	47	50,150,250,350,450	0,100,200,300,400,500
	0-600	10	60	56	150,250,350,450,550	0,100,200,300,400,500,600

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	0-700	10	70	65	150,250,350,450,550,650	0,100,200,300,400,500,600,700
	0-750	15	75	47	75,225,375,525,675	0,150,300,450,600,750
	0-1000	10	100	92	150,250,350,450,550,650,750,850,950	0,100,200,300,400,500,600,700,800,900,1000
	0-2000	50	200	38	250,750,1250,1750	0,500,1000,1500,2000
	0-3000	50	300	56	750,1250,1750,2250,2750	0,500,1000,1500,2000,2500,3000
	0-4000	50	400	74	750,1250,1750,2250,2750,3250,3750	0,500,1000,1500,2000,2500,3000,3500,4000
	0-5000	100	500	47	500,1500,2500,3500,4500	0,1000,2000,3000,4000,5000
	0-6000	100	600	56	1500,2500,3500,4500,5500	0,1000,2000,3000,4000,5000,6000
	0-7000	100	700	65	1500,2500,3500,4500,5500,6500	0,1000,2000,3000,4000,5000,6000,7000
<b>kPa</b>	<b>0-7.5 (15%)</b>	<b>0.15</b>	<b>1.2</b>	<b>44</b>	<b>2.25,3.75,5.25,6.75</b>	<b>0,1.5,3.0,4.5,6.0,7.5</b>
	<b>0-8.0(15%)</b>	<b>0.20</b>	<b>1.2</b>	<b>36</b>	<b>1.0,3.0,5.0,7.0</b>	<b>0,2.0,4.0,6.0,8.0</b>
	0-10	0.1	1	92	1.5,2.5,3.5,4.5,5.5,6.5,7.5,8.5,9.5	0,1,2,3,4,5,6,7,8,9,10
	0-20	0.5	2	38	2.5,7.5,12.5,17.5	0,5,10,15,20
	0-30	0.5	3	56	7.5,12.5,17.5,22.5,27.5	0,5,10,15,20,25,30
	0-40	0.5	4	74	7.5,12.5,17.5,22.5,27.5,32.5,37.5	0,5,10,15,20,25,30,35,40
	0-50	1	5	47	5,15,25,35,45	0,10,20,30,40,50
	0-60	1	6	56	15,25,35,45,55	0,10,20,30,40,50,60
	0-70	1	7	65	15,25,35,45,55,65	0,10,20,30,40,50,60,70
	0-100	1	10	92	15,25,35,45,55,65,75,85,95	0,10,20,30,40,50,60,70,80,90,100
	0-200	5	20	38	25,75,125,175	0,50,100,150,200
	0-300	5	30	56	75,125,175,225,275	0,50,100,150,200,250,300
	0-400	5	40	74	75,125,175,225,275,325,375	0,50,100,150,200,250,300,350,400
	0-500	10	50	47	50,150,250,350,450	0,100,200,300,400,500
	0-600	10	60	56	150,250,350,450,550	0,100,200,300,400,500,600
	0-700	10	70	65	50,250,350,450,550,650	0,100,200,300,400,500,600,700
<b>psi</b>	<b>0-1(15%)</b>	<b>0.01</b>	<b>0.15</b>	<b>88</b>	<b>0.15,0.25,0.35,0.45,0.55,0.65,0.75,0.85,0.95</b>	<b>0,0.1,0.2,0.3,0.4,0.5,0.6,0.7,0.8,0.9,1.0</b>
	0-1.5	0.025	0.15	56	0.2,0.4,0.5,0.7,0.8,1.0,1.1,1.3,1.4	0,0.3,0.6,0.9,1.2,1.5
	0-2	0.05	0.2	38	0.25,0.75,1.25,1.75	0,0.5,1.0,1.5,2.0
	0-3	0.05	0.3	56	0.75,1.25,1.75,2.25,2.75	0,0.5,1.0,1.5,2.0,2.5,3.0
	0-4	0.05	0.4	74	0.75,1.25,1.75,2.25,2.75,3.25,3.75	0,0.5,1.0,1.5,2.0,2.5,3.0,3.5,4.0
	0-5	0.01	0.5	47	0.5,1.5,2.5,3.5,4.5	0,1.0,2.0,3.0,4.0,5.0
	0-6	0.01	0.6	56	1.5,2.5,3.5,4.5,5.5	0,1.0,2.0,3.0,4.0,5.0,6.0
	0-7	0.01	0.7	65	1.5,2.5,3.5,4.5,5.5,6.5	0,1.0,2.0,3.0,4.0,5.0,6.0,7.0
	0-10	1	1	92	1.5,2.5,3.5,4.5,5.5,6.5,7.5,8.5,9.5	0,1,2,3,4,5,6,7,8,9,10
	0-20	0.5	2	38	2.5,7.5,12.5,17.5	0,5,10,15,20
	0-30	0.5	3	56	7.5,12.5,17.5,22.5,27.5	0,5,10,15,20,25,30
	0-40	0.5	4	74	7.5,12.5,17.5,22.5,27.5,32.5,37.5	0,5,10,15,20,25,30,35,40
	0-50	1	5	47	5,15,25,35,45	0,10,20,30,40,50
	0-60	1	6	56	15,25,35,45,55	0,10,20,30,40,50,60
	0-70	1	7	65	15,25,35,45,55,65	0,10,20,30,40,50,60,70

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	0-80	2	8	38	10,30,50,70	0,20,40,60,80
	0-90	1	9	83	15,25,35,45,55,65,75,85,95	0,10,20,30,40,50,60,70,80,90
	0-100	1	10	92	15,25,35,45,55,65,75,85,95	0,10,20,30,40,50,60,70,80,90,100
<b>kg/cm2</b>	<b>0-0.075(15%)</b>	<b>0.0015</b>	<b>0.012</b>	<b>44</b>	<b>0.0.0225,0.0375,0.0525,0.0675</b>	<b>0.0.015,0.030,0.045,0.060,0.075</b>
	<b>0-0.08(15%)</b>	<b>0.002</b>	<b>0.012</b>	<b>36</b>	<b>0.03,0.05,0.07</b>	<b>0.0.02,0.04,0.06,0.08</b>
	0-0.1	0.001	0.01	92	0.015,0.025,0.035,0.045,0.055,0.065,0.075,0.085,0.095	0.0.01,0.02,0.03,0.04,0.05,0.06,0.07,0.08,0.09,0.1
	0-0.2	0.005	0.02	38	0.025,0.075,0.125,0.175	0.0.05,0.1,0.15,0.2
	0-0.3	0.005	0.03	56	0.075,0.125,0.175,0.225,0.275	0.0.05,0.1,0.15,0.20,0.25,0.3
	0-0.4	0.005	0.04	74	0.075,0.125,0.175,0.225,0.275,0.325,0.375	0.05,0.1,0.15,0.2,0.25,0.3,0.35,0.4
	0-0.5	0.001	0.05	47	0.05,0.15,0.25,0.35,0.45	0.0.1,0.2,0.3,0.4,0.5
	0-0.6	0.001	0.06	56	0.15,0.25,0.35,0.45,0.55	0.0.1,0.2,0.3,0.4,0.5,0.6
	0-0.7	0.001	0.07	65	0.15,0.25,0.35,0.45,0.55,0.65	0.0.1,0.2,0.3,0.4,0.5,0.6,0.7
	0-0.8	0.002	0.08	38	0.1,0.3,0.5,0.7	0.0.2,0.4,0.6,0.8
	0-1	0.01	0.1	92	0.15,0.25,0.35,0.45,0.55,0.65,0.75,0.85,0.95	0.0.1,0.2,0.3,0.4,0.5,0.6,0.7,0.8,0.9,1.0
	0-2	0.05	0.2	38	0.25,0.75,1.25,1.75	0.0.5,1.0,1.5,2.0
	0-3	0.05	0.3	56	0.75,1.25,1.75,2.25,2.75	0.0.5,1.0,1.5,2.0,2.5,3.0
	0-4	0.05	0.4	74	0.75,1.25,1.75,2.25,2.75,3.25,3.75	0.5,1.0,1.5,2.0,2.5,3.0,3.5,4.0
	0-5	0.01	0.5	47	0.5,1.5,2.5,3.5,4.5	0.1,0.2,0.3,0.4,0.5,0
	0-6	0.01	0.6	56	1.5,2.5,3.5,4.5,5.5	0.1,0.2,0.3,0.4,0.5,0.6,0
	0-7	0.01	0.7	65	1.5,2.5,3.5,4.5,5.5,6.5	0.1,0.2,0.3,0.4,0.5,0.6,0.7,0