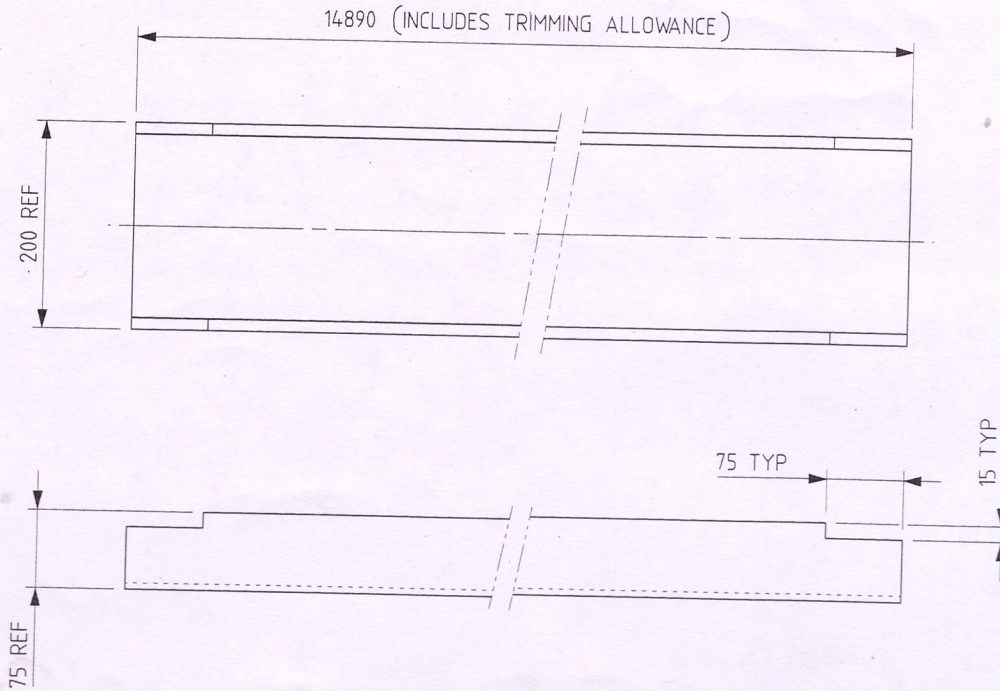


SURFACE ROUGHNESS Ra VALUES IN μm



- ALL DIMENSIONS ARE IN mm
- NEXT LEVEL ASSEMBLY DRG. NO. 1209-03.035-008, 1209-03.035-048
- USED FOR LOCO- WAG9HC, WAP-7
- C&D NO. T312/003 T312/054
- QTY/LOCO. 1 1
- UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102(PART 1):1993-TOLERANCE CLASS-MEDIUM OF TABLE-1

ISM C
SIZE: 200x75x6.2 THK. AS PER IS:808:2021

धातु-वेल्डन चिन्ह		अनिर्दिष्ट सहा - सीमा भा. मा. : 2102 / अ. मा. सं. : 2768												TOL
मा. : 813 / अ. मा. सं. : 2553		UNSPECIFIED TOLERANCE TO IS 2102 / ISO 2768												CLS
GRADE NO		स1	स2	स3	स4	स5	स6	स7	स8	स9	स10	स11	स12	
R _t	0.4-0.3	0.5-0.7	0.9-1.1	1.5-2.0	2.5-3.8	5.0-6.3	8.0-12	16-25	30-40	50-63	75-100	100-250		
R _a μm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50		
चिन्ह	SYMBOL													

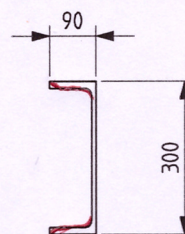
परिवर्तन संख्या	प्राधिकार	वर्णन	DESCRIPTION
ALT NO	AUTHY		

अधिकृतित DGN		चितरंजन रेलइंजन कारखाना CHITTARANJAN LOCOMOTIVE WORKS, INDIA	
जोधा व.अ.अ. (H.D. S.S.)	SPB NARAYAN NARAYAN	पदार्थ MATERIAL	STEEL
समीक्षित स.वि.अ. / व.वि.अ. REVIEWED AEE / SEE		प्रति भार कि. ग्रा. WT EATH IN KG	340.7
अनुमोदित व.मु.वि.अ. APPROVED DYSEE	BYAMA PRASAD PATRA	विशिष्ट SPECN	IS:2062-2011 Gr E-250 CU QUALITY-C KILLED NORMALIZED
दिनांक DATE	06-05-2022	वर्णन DESCRIPTION	CANT RAIL
संकेतिक अनुपात SCALE	15	आरेखण संख्या DRAWING NO	1209-03.335-189
दिनांकित आद्यक्षर DATED INITIAL	संदर्भ / REF 18036-00548 ALT- 0	परिवर्तन संख्या ALTERATION NO	1
		पर्ण SHEET	1 OF 1
			A3

RED WORK

REDRAWN BY TCS

* 12500



VIEW 'A'
SCALE 1:10

1. ALL DIMENSIONS ARE IN mm
2. C&D NO. B302/136
3. QTY./LOCO: 2 NOS.
4. NEXT LEVEL ASSEMBLY DRG. NO. 1210-02.026-207
5. USED FOR LOCO- WAP-5
6. UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102 (PART-1):1993 -TOLERANCE CLASS- MEDIUM OF TABLE- 1

MATERIAL: ISM/C 300 ROLLED CHANNEL TO IS: 808:2021
~~MCP 300 ROLLED CHANNEL TO IS: 808~~

NOTE:

(*) INCLUDES ALLOWANCE FOR SHRINKAGE, ROOT GAPS AND / OR TRIMMING.

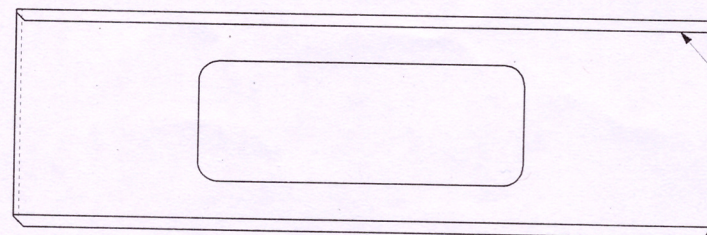
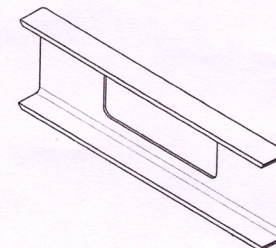
धातु-वैलन विन्ड मा. मा. : 813 / अ. मा. सं. : 2553 WELDING SYMBOLS TO IS:813 / ISO:2553	अमिदिष्ट सद्य - सीमा मा. मा. : 2102 / अ. मा. सं. : 2768 UNSPECIFIED TOLERANCE TO IS : 2102 / IS : 2768												TOL CLS.
सहज - रकता का मान मा. मा. 3073 / अ. मा. सं. 1302 SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302	पदांक GRADE NO	सं 1 N1	सं 2 N2	सं 3 N3	सं 4 N4	सं 5 N5	सं 6 N6	सं 7 N7	सं 8 N8	सं 9 N9	सं 10 N10	सं 11 N11	सं 12 N12
	Rz	0.4-0.3	0.5-0.7	0.9-1.1	1.3-2.0	2.5-3.8	5.0-6.3	8.0-12	16-25	30-40	50-63	75-100	160-250
	Ra μm	0.025	0.05	0.07	0.1	0.4	0.8	1.6	3.2	6.3	12.5	25	50
	विन्ड SYMBOL												

0			
परिवर्तन संख्या ALT. NO.	प्राधिकार AUTHY	वर्णन DESCRIPTION	दिनांकित आधार DATED INITIAL

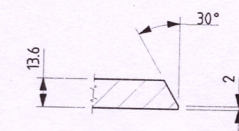
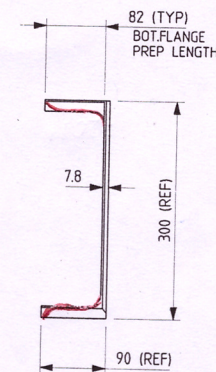
अधिकारित DGN		 चितारंजन रेलइंजन कारखाना CHITTARANJAN LOCOMOTIVE WORKS, INDIA			
डॉ. रा. अ. अ. DHO SSE				पदार्थ STEEL	
समीक्षित सि. अ. / र. वि. अ. REVIEWED AEE / SEE				प्रति भार कि. घा. WT. EACH IN KG	
अनुमोदित व. प्र. वि. अ. APPROVED DYCEE				विशिष्ट SPECN	
दिनांक DATE				IS:2062:2011 Gr. E-250 CU QUALITY-C KILLED NORMALIZED	
रीखक अनुपात SCALE		वर्णन SIDE SILL SIDE SILL ASSEMBLY		1210-02.326-208	
संदर्भ / REF IA026-00084 ALT- 1		आरेखण संख्या DRAWING NO.		परिवर्तन संख्या ALTERATION NO.	
				पृष्ठ SHEET	
		0		1 OF 1	
				A3	

RED WORK

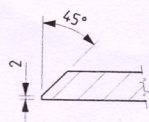
SURFACE ROUGHNESS R_a VALUES IN μm



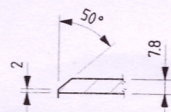
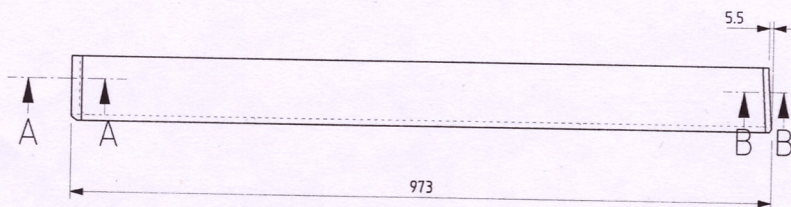
— BOTTOM FLANGE (REF)



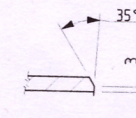
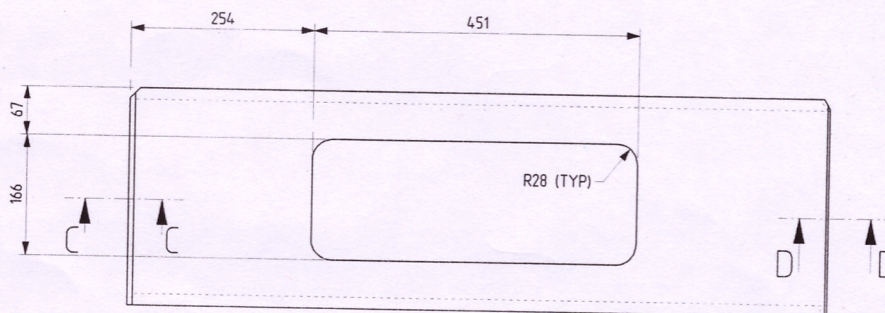
SECTION B-B
(TYPICAL ALSO FOR BOTTOM FLANGE)
SCALE 1:2



SECTION A-A
(TYPICAL ALSO FOR BOTTOM FLANGE)
SCALE 1:2



SECTION C-C
SCALE 1:2



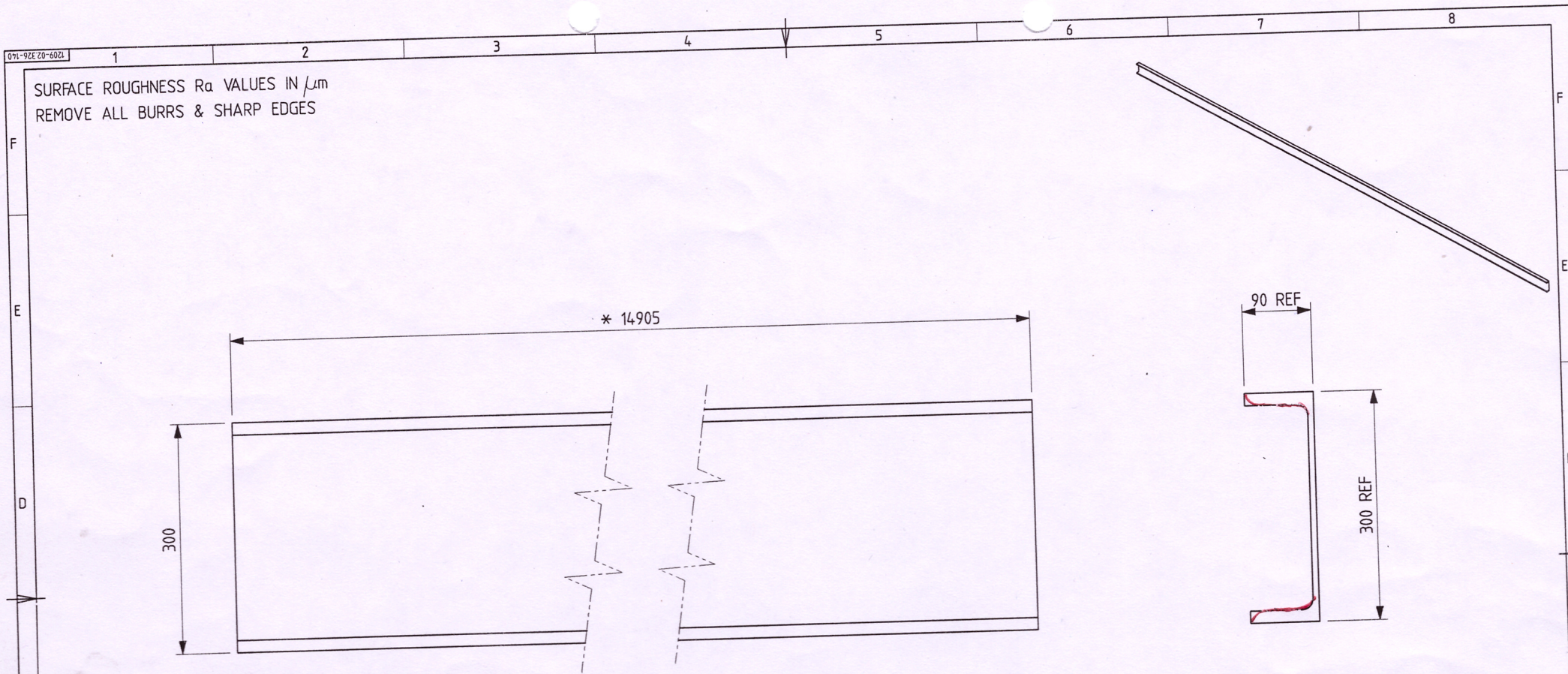
SECTION D-D
SCALE 1:2

1. ALL DIMENSIONS ARE IN mm
2. NEXT LEVEL ASSEMBLY DRG. NO. 1209-02.226-145, 1210-02.026-210
3. USED FOR LOCO- WAG-9HC, WAP-7, WAP-5

C&D NO.	QTY./LOCO
T302/175	2
B302/139	2

घाटु-वैलन विह भा. पा. 813 अ ज.सं. 2553 WELSH SWIM2.10 82	अनिर्विद तथ - सीधा भा. पा. : 2102 अ. पा. सं. : 2768 UNPULPED TAPLARGUE TO G- 230 / G- 298	50 0.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
महा - मधवा का बाग भा.पा. 3073 अ ज.सं. 1302 UPMACE ROUGHNESS VALUE 10 59.7971 / 550.1927	<table><tr><th>वक्रांक (GRAD US)</th><th>क1</th><th>क2</th><th>क3</th><th>क4</th><th>क5</th><th>क6</th><th>क7</th><th>क8</th><th>क9</th><th>क10</th><th>क11</th><th>क12</th><th>क13</th><th>क14</th><th>क15</th><th>क16</th><th>क17</th><th>क18</th><th>क19</th><th>क20</th><th>क21</th><th>क22</th><th>क23</th><th>क24</th><th>क25</th><th>क26</th><th>क27</th><th>क28</th><th>क29</th><th>क30</th><th>क31</th><th>क32</th><th>क33</th><th>क34</th><th>क35</th><th>क36</th><th>क37</th><th>क38</th><th>क39</th><th>क40</th><th>क41</th><th>क42</th><th>क43</th><th>क44</th><th>क45</th><th>क46</th><th>क47</th><th>क48</th><th>क49</th><th>क50</th><th>क51</th><th>क52</th><th>क53</th><th>क54</th><th>क55</th><th>क56</th><th>क57</th><th>क58</th><th>क59</th><th>क60</th><th>क61</th><th>क62</th><th>क63</th><th>क64</th><th>क65</th><th>क66</th><th>क67</th><th>क68</th><th>क69</th><th>क70</th><th>क71</th><th>क72</th><th>क73</th><th>क74</th><th>क75</th><th>क76</th><th>क77</th><th>क78</th><th>क79</th><th>क80</th><th>क81</th><th>क82</th><th>क83</th><th>क84</th><th>क85</th><th>क86</th><th>क87</th><th>क88</th><th>क89</th><th>क90</th><th>क91</th><th>क92</th><th>क93</th><th>क94</th><th>क95</th><th>क96</th><th>क97</th><th>क98</th><th>क99</th><th>क100</th></tr><tr><td>81</td><td>15.841</td><td>13.413</td><td>11.473</td><td>10.018</td><td>10.118</td><td>10.442</td><td>10.822</td><td>8.75</td><td>8.74</td><td>10.49</td><td>10.56</td><td>10.61</td><td>10.66</td><td>10.71</td><td>10.76</td><td>10.81</td><td>10.86</td><td>10.91</td><td>10.96</td><td>11.01</td><td>11.06</td><td>11.11</td><td>11.16</td><td>11.21</td><td>11.26</td><td>11.31</td><td>11.36</td><td>11.41</td><td>11.46</td><td>11.51</td><td>11.56</td><td>11.61</td><td>11.66</td><td>11.71</td><td>11.76</td><td>11.81</td><td>11.86</td><td>11.91</td><td>11.96</td><td>12.01</td><td>12.06</td><td>12.11</td><td>12.16</td><td>12.21</td><td>12.26</td><td>12.31</td><td>12.36</td><td>12.41</td><td>12.46</td><td>12.51</td><td>12.56</td><td>12.61</td><td>12.66</td><td>12.71</td><td>12.76</td><td>12.81</td><td>12.86</td><td>12.91</td><td>12.96</td><td>13.01</td><td>13.06</td><td>13.11</td><td>13.16</td><td>13.21</td><td>13.26</td><td>13.31</td><td>13.36</td><td>13.41</td><td>13.46</td><td>13.51</td><td>13.56</td><td>13.61</td><td>13.66</td><td>13.71</td><td>13.76</td><td>13.81</td><td>13.86</td><td>13.91</td><td>13.96</td><td>14.01</td><td>14.06</td><td>14.11</td><td>14.16</td><td>14.21</td><td>14.26</td><td>14.31</td><td>14.36</td><td>14.41</td><td>14.46</td><td>14.51</td><td>14.56</td><td>14.61</td><td>14.66</td><td>14.71</td><td>14.76</td><td>14.81</td><td>14.86</td><td>14.91</td><td>14.96</td><td>15.01</td><td>15.06</td><td>15.11</td><td>15.16</td><td>15.21</td><td>15.26</td><td>15.31</td><td>15.36</td><td>15.41</td><td>15.46</td><td>15.51</td><td>15.56</td><td>15.61</td><td>15.66</td><td>15.71</td><td>15.76</td><td>15.81</td><td>15.86</td><td>15.91</td><td>15.96</td><td>16.01</td><td>16.06</td><td>16.11</td><td>16.16</td><td>16.21</td><td>16.26</td><td>16.31</td><td>16.36</td><td>16.41</td><td>16.46</td><td>16.51</td><td>16.56</td><td>16.61</td><td>16.66</td><td>16.71</td><td>16.76</td><td>16.81</td><td>16.86</td><td>16.91</td><td>16.96</td><td>17.01</td><td>17.06</td><td>17.11</td><td>17.16</td><td>17.21</td><td>17.26</td><td>17.31</td><td>17.36</td><td>17.41</td><td>17.46</td><td>17.51</td><td>17.56</td><td>17.61</td><td>17.66</td><td>17.71</td><td>17.76</td><td>17.81</td><td>17.86</td><td>17.91</td><td>17.96</td><td>18.01</td><td>18.06</td><td>18.11</td><td>18.16</td><td>18.21</td><td>18.26</td><td>18.31</td><td>18.36</td><td>18.41</td><td>18.46</td><td>18.51</td><td>18.56</td><td>18.61</td><td>18.66</td><td>18.71</td><td>18.76</td><td>18.81</td><td>18.86</td><td>18.91</td><td>18.96</td><td>19.01</td><td>19.06</td><td>19.11</td><td>19.16</td><td>19.21</td><td>19.26</td><td>19.31</td><td>19.36</td><td>19.41</td><td>19.46</td><td>19.51</td><td>19.56</td><td>19.61</td><td>19.66</td><td>19.71</td><td>19.76</td><td>19.81</td><td>19.86</td><td>19.91</td><td>19.96</td><td>20.01</td><td>20.06</td><td>20.11</td><td>20.16</td><td>20.21</td><td>20.26</td><td>20.31</td><td>20.36</td><td>20.41</td><td>20.46</td><td>20.51</td><td>20.56</td><td>20.61</td><td>20.66</td><td>20.71</td><td>20.76</td><td>20.81</td><td>20.86</td><td>20.91</td><td>20.96</td><td>21.01</td><td>21.06</td><td>21.11</td><td>21.16</td><td>21.21</td><td>21.26</td><td>21.31</td><td>21.36</td><td>21.41</td><td>21.46</td><td>21.51</td><td>21.56</td><td>21.61</td><td>21.66</td><td>21.71</td><td>21.76</td><td>21.81</td><td>21.86</td><td>21.91</td><td>21.96</td><td>22.01</td><td>22.06</td><td>22.11</td><td>22.16</td><td>22.21</td><td>22.26</td><td>22.31</td><td>22.36</td><td>22.41</td><td>22.46</td><td>22.51</td><td>22.56</td><td>22.61</td><td>22.66</td><td>22.71</td><td>22.76</td><td>22.81</td><td>22.86</td><td>22.91</td><td>22.96</td><td>23.01</td><td>23.06</td><td>23.11</td><td>23.16</td><td>23.21</td><td>23.26</td><td>23.31</td><td>23.36</td><td>23.41</td><td>23.46</td><td>23.51</td><td>23.56</td><td>23.61</td><td>23.66</td><td>23.71</td><td>23.76</td><td>23.81</td><td>23.86</td><td>23.91</td><td>23.96</td><td>24.01</td><td>24.06</td><td>24.11</td><td>24.16</td><td>24.21</td><td>24.26</td><td>24.31</td><td>24.36</td><td>24.41</td><td>24.46</td><td>24.51</td><td>24.56</td><td>24.61</td><td>24.66</td><td>24.71</td><td>24.76</td><td>24.81</td><td>24.86</td><td>24.91</td><td>24.96</td><td>25.01</td><td>25.06</td><td>25.11</td><td>25.16</td><td>25.21</td><td>25.26</td><td>25.31</td><td>25.36</td><td>25.41</td><td>25.46</td><td>25.51</td><td>25.56</td><td>25.61</td><td>25.66</td><td>25.71</td><td>25.76</td><td>25.81</td><td>25.86</td><td>25.91</td><td>25.96</td><td>26.01</td><td>26.06</td><td>26.11</td><td>26.16</td><td>26.21</td><td>26.26</td><td>26.31</td><td>26.36</td><td>26.41</td><td>26.46</td><td>26.51</td><td>26.56</td><td>26.61</td><td>26.66</td><td>26.71</td><td>26.76</td><td>26.81</td><td>26.86</td><td>26.91</td><td>26.96</td><td>27.01</td><td>27.06</td><td>27.11</td><td>27.16</td><td>27.21</td><td>27.26</td><td>27.31</td><td>27.36</td><td>27.41</td><td>27.46</td><td>27.51</td><td>27.56</td><td>27.61</td><td>27.66</td><td>27.71</td><td>27.76</td><td>27.81</td><td>27.86</td><td>27.91</td><td>27.96</td><td>28.01</td><td>28.06</td><td>28.11</td><td>28.16</td><td>28.21</td><td>28.26</td><td>28.31</td><td>28.36</td><td>28.41</td><td>28.46</td><td>28.51</td><td>28.56</td><td>28.61</td><td>28.66</td><td>28.71</td><td>28.76</td><td>28.81</td><td>28.86</td><td>28.91</td><td>28.96</td><td>29.01</td><td>29.06</td><td>29.11</td><td>29.16</td><td>29.21</td><td>29.26</td><td>29.31</td><td>29.36</td><td>29.41</td><td>29.46</td><td>29.51</td><td>29.56</td><td>29.61</td><td>29.66</td><td>29.71</td><td>29.76</td><td>29.81</td><td>29.86</td><td>29.91</td><td>29.96</td><td>30.01</td><td>30.06</td><td>30.11</td><td>30.16</td><td>30.21</td><td>30.26</td><td>30.31</td><td>30.36</td><td>30.41</td><td>30.46</td><td>30.51</td><td>30.56</td><td>30.61</td><td>30.66</td><td>30.71</td><td>30.76</td><td>30.81</td><td>30.86</td><td>30.91</td><td>30.96</td><td>31.01</td><td>31.06</td><td>31.11</td><td>31.16</td><td>31.21</td><td>31.26</td><td>31.31</td><td>31.36</td><td>31.41</td><td>31.46</td><td>31.51</td><td>31.56</td><td>31.61</td><td>31.66</td><td>31.71</td><td>31.76</td><td>31.81</td><td>31.86</td><td>31.91</td><td>31.96</td><td>32.01</td><td>32.06</td><td>32.11</td><td>32.16</td><td>32.21</td><td>32.26</td><td>32.31</td><td>32.36</td><td>32.41</td><td>32.46</td><td>32.51</td><td>32.56</td><td>32.61</td><td>32.66</td><td>32.71</td><td>32.76</td><td>32.81</td><td>32.86</td><td>32.91</td><td>32.96</td><td>33.01</td><td>33.06</td><td>33.11</td><td>33.16</td><td>33.21</td><td>33.26</td><td>33.31</td><td>33.36</td><td>33.41</td><td>33.46</td><td>33.51</td><td>33.56</td><td>33.61</td><td>33.66</td><td>33.71</td><td>33.76</td><td>33.81</td><td>33.86</td><td>33.91</td><td>33.96</td><td>34.01</td><td>34.06</td><td>34.11</td><td>34.16</td><td>34.21</td><td>34.26</td><td>34.31</td><td>34.36</td><td>34.41</td><td>34.46</td><td>34.51</td><td>34.56</td><td>34.61</td><td>34.66</td><td>34.71</td><td>34.76</td><td>34.81</td><td>34.86</td><td>34.91</td><td>34.96</td><td>35.01</td><td>35.06</td><td>35.11</td><td>35.16</td><td>35.21</td><td>35.26</td><td>35.31</td><td>35.36</td><td>35.41</td><td>35.46</td><td>35.51</td><td>35.56</td><td>35.61</td><td>35.66</td><td>35.71</td><td>35.76</td><td>35.81</td><td>35.86</td><td>35.91</td><td>35.96</td><td>36.01</td><td>36.06</td><td>36.11</td><td>36.16</td><td>36.21</td><td>36.26</td><td>36.31</td><td>36.36</td><td>36.41</td><td>36.46</td><td>36.51</td><td>36.56</td><td>36.61</td><td>36.66</td><td>36.71</td><td>36.76</td><td>36.81</td><td>36.86</td><td>36.91</td><td>36.96</td><td>37.01</td><td>37.06</td><td>37.11</td><td>37.16</td><td>37.21</td><td>37.26</td><td>37.31</td><td>37.36</td><td>37.41</td><td>37.46</td><td>37.51</td><td>37.56</td><td>37.61</td><td>37.66</td><td>37.71</td><td>37.76</td><td>37.81</td><td>37.86</td><td>37.91</td><td>37.96</td><td>38.01</td><td>38.06</td><td>38.11</td><td>38.16</td><td>38.21</td><td>38.26</td><td>38.31</td><td>38.36</td><td>38.41</td><td>38.46</td><td>38.51</td><td>38.56</td><td>38.61</td><td>38.66</td><td>38.71</td><td>38.76</td><td>38.81</td><td>38.86</td><td>38.91</td><td>38.96</td><td>39.01</td><td>39.06</td><td>39.11</td><td>39.16</td><td>39.21</td><td>39.26</td><td>39.31</td><td>39.36</td><td>39.41</td><td>39.46</td><td>39.51</td><td>39.56</td><td>39.61</td><td>39.66</td><td>39.71</td><td>39.76</td><td>39.81</td><td>39.86</td><td>39.91</td><td>39.96</td><td>40.01</td><td>40.06</td><td>40.11</td><td>40.16</td><td>40.21</td><td>40.26</td><td>40.31</td><td>40.36</td><td>40.41</td><td>40.46</td><td>40.51</td><td>40.56</td><td>40.61</td><td>40.66</td><td>40.71</td><td>40.76</td><td>40.81</td><td>40.86</td><td>40.91</td><td>40.96</td><td>41.01</td><td>41.06</td><td>41.11</td><td>41.16</td><td>41.21</td><td>41.26</td><td>41.31</td><td>41.36</td><td>41.41</td><td>41.46</td><td>41.51</td><td>41.56</td><td>41.61</td><td>41.66</td><td>41.71</td><td>41.76</td><td>41.81</td><td>41.86</td><td>41.91</td><td>41.96</td><td>42.01</td><td>42.06</td><td>42.11</td><td>42.16</td><td>42.21</td><td>42.26</td><td>42.31</td><td>42.36</td><td>42.41</td><td>42.46</td><td>42.51</td><td>42.56</td><td>42.61</td><td>42.66</td><td>42.71</td><td>42.76</td><td>42.81</td><td>42.86</td><td>42.91</td><td>42.96</td><td>43.01</td><td>43.06</td><td>43.11</td><td>43.16</td><td>43.21</td><td>43.26</td><td>43.31</td><td>43.36</td><td>43.41</td><td>43.46</td><td>43.51</td><td>43.56</td><td>43.61</td><td>43.66</td><td>43.71</td><td>43.76</td><td>43.81</td><td>43.86</td><td>43.91</td><td>43.96</td><td>44.01</td><td>44.06</td><td>44.11</td><td>44.16</td><td>44.21</td><td>44.26</td><td>44.31</td><td>44.36</td><td>44.41</td><td>44.46</td><td>44.51</td><td>44.56</td><td>44.61</td><td>44.66</td><td>44.71</td><td>44.76</td><td>44.81</td><td>44.86</td><td>44.91</td><td>44.96</td><td>45.01</td><td>45.06</td><td>45.11</td><td>45.16</td><td>45.21</td><td>45.26</td><td>45.31</td><td>45.36</td><td>45.41</td><td>45.46</td><td>45.51</td><td>45.56</td><td>45.61</td><td>45.66</td><td>45.71</td><td>45.76</td><td>45.81</td><td>45.86</td><td>45.91</td><td>45.96</td><td>46.01</td><td>46.06</td><td>46.11</td><td>46.16</td><td>46.21</td><td>46.26</td><td>46.31</td><td>46.36</td><td>46.41</td><td>46.46</td><td>46.51</td><td>46.56</td><td>46.61</td><td>46.66</td><td>46.71</td><td>46.76</td><td>46.81</td><td>46.86</td><td>46.91</td><td>46.96</td><td>47.01</td><td>47.06</td><td>47.11</td><td>47.16</td><td>47.21</td><td>47.26</td><td>47.31</td><td>47.36</td><td>47.41</td><td>47.46</td><td>47.51</td><td>47.56</td><td>47.61</td><td>47.66</td><td>47.71</td><td>47.76</td><td>47.81</td><td>47.86</td><td>47.91</td><td>47.96</td><td>48.01</td><td>48.06</td><td>48.11</td><td>48.16</td><td>48.21</td><td>48.26</td><td>48.31</td><td>48.36</td><td>48.41</td><td>48.46</td><td>48.51</td><td>48.56</td><td>48.61</td><td>48.66</td><td>48.71</td><td>48.76</td><td>48.81</td><td>48.86</td><td>48.91</td><td>48.96</td><td>49.01</td><td>49.06</td><td>49.11</td><td>49.16</td><td>49.21</td><td>49.26</td><td>49.31</td><td>49.36</td><td>49.41</td><td>49.46</td><td>49.51</td><td>49.56</td><td>49.61</td><td>49.66</td><td>49.71</td><td>49.76</td><td>49.81</td><td>49.86</td><td>49.91</td><td>49.96</td><td>50.01</td><td>50.06</td><td>50.11</td><td>50.16</td><td>50.21</td><td>50.26</td><td>50.31</td><td>50.36</td><td>50.41</td><td>50.46</td><td>50.51</td><td>50.56</td><td>50.61</td><td>50.66</td><td>50.71</td><td>50.76</td><td>50.81</td><td>50.86</td><td>50.91</td><td>50.96</td><td>51.01</td><td>51.06</td><td>51.11</td><td>51.16</td><td>51.21</td><td>51.26</td><td>51.31</td><td>51.36</td><td>51.41</td><td>51.46</td><td>51.51</td><td>51.56</td><td>51.61</td><td>51.66</td><td>51.71</td><td>51.76</td><td>51.81</td><td>51.86</td><td>51.91</td><td>51.96</td><td>52.01</td><td>52.06</td><td>52.11</td><td>52.16</td><td>52.21</td><td>52.26</td><td>52.31</td><td>52.36</td><td>52.41</td><td>52.46</td><td>52.51</td><td>52.56</td><td>52.61</td><td>52.66</td><td>52.71</td><td>52.76</td><td>52.81</td><td>52.86</td><td>52.91</td><td>52.96</td><td>53.01</td><td>53.06</td><td>53.11</td><td>53.16</td><td>53.21</td><td>53.26</td><td>53.31</td><td>53.36</td><td>53.41</td><td>53.46</td><td>53.51</td><td>53.56</td><td>53.61</td><td>53.66</td><td>53.71</td><td>53.76</td><td>53.81</td><td>53.86</td><td>53.91</td><td>53.96</td><td>54.01</td><td>54.06</td><td>54.11</td><td>54.16</td><td>54.21</td><td>54.26</td><td>54.31</td><td>54.36</td><td>54.41</td><td>54.46</td><td>54.51</td><td>54.56</td><td>54.61</td><td>54.66</td><td>54.71</td><td>54.76</td><td>54.81</td><td>54.86</td><td>54.91</td><td>54.96</td><td>55.01</td><td>55.06</td><td>55.11</td><td>55.16</td><td>55.21</td><td>55.26</td><td>55.31</td><td>55.36</td><td>55.41</td><td>55.46</td><td>55.51</td><td>55.56</td><td>55.61</td><td>55.66</td><td>55.71</td><td>55.76</td><td>55.81</td><td>55.86</td><td>55.91</td><td>55.96</td><td>56.01</td><td>56.06</td><td>56.11</td><td>56.16</td><td>56.21</td><td>56.26</td><td>56.31</td><td>56.36</td><td>56.41</td><td>56.46</td><td>56.51</td><td>56.56</td><td>56.61</td><td>56.66</td><td>56.71</td><td>56.76</td><td>56.81</td><td>56.86</td><td>56.91</td><td>56.96</td><td>57.01</td><td>57.06</td><td>57.11</td><td>57.16</td><td>57.21</td><td>57.26</td><td>57.31</td><td>57.36</td><td>57.41</td><td>57.46</td><td>57.51</td><td>57.56</td><td>57.61</td><td>57.66</td><td>57.71</td><td>57.76</td><td>57.81</td><td>57.86</td><td>57.91</td><td>57.96</td><td>58.01</td><td>58.06</td><td>58.11</td><td>58.16</td><td>58.21</td><td>58.26</td><td>58.31</td><td>58.36</td><td>58.41</td><td>58.46</td><td>58.51</td><td>58.56</td><td>58.61</td><td>58.66</td><td>58.71</td><td>58.76</td><td>58.81</td><td>58.86</td><td>58.91</td><td>58.96</td><td>59.01</td><td>59.06</td><td>59.11</td><td>59.16</td><td>59.21</td><td>59.26</td><td>59.31</td><td>59.36</td><td>59.41</td><td>59.46</td><td>59.51</td><td>59.56</td><td>59.61</td><td>59.66</td><td>59.71</td><td>59.76</td><td>59.81</td><td>59.86</td><td>59.91</td><td>59.96</td><td>60.01</td><td>60.06</td><td>60.11</td><td>60.16</td><td>60.21</td><td>60.26</td><td>60.31</td><td>60.36</td><td>60.41</td><td>60.46</td><td>60.51</td><td>60.56</td><td>60.61</td><td>60.66</td><td>60.71</td><td>60.76</td><td>60.81</td><td>60.86</td><td>60.91</td><td>60.96</td><td>61.01</td><td>61.06</td><td>61.11</td><td>61.16</td><td>61.21</td><td>61.26</td><td>61.31</td><td>61.36</td><td>61.41</td><td>61.46</td><td>61.51</td><td>61.56</td><td>61.61</td><td>61.66</td><td>61.71</td><td>61.76</td><td>61.81</td><td>61.86</td><td>61.91</td><td>61.96</td><td>62.01</td><td>62.06</td><td>62.11</td><td>62.16</td><td>62.21</td><td>62.26</td><td>62.31</td><td>62.36</td><td>62.41</td><td>62.46</td><td>62.51</td><td>62.56</td><td>62.61</td><td>62.66</td><td>62.71</td><td>62.76</td><td>62.81</td><td>62.86</td><td>62.91</td><td>62.96</td><td>63.01</td><td>63.06</td><td>63.11</td><td>63.16</td><td>63.21</td><td>63.26</td><td>63.31</td><td>63.36</td><td>63.41</td><td>63.46</td><td>63.51</td><td>63.56</td><td>63.61</td><td>63.66</td><td>63.71</td><td>63.76</td><td>63.81</td><td>63.86</td><td>63.91</td><td>63.96</td><td>64.01</td><td>64.06</td><td>64.11</td><td>64.16</td><td>64.21</td><td>64.26</td><td>64.31</td><td>64.36</td><td>64.41</td><td>64.46</td><td>64.51</td><td>64.56</td><td>64.61</td><td>64.66</td><td>64.71</td><td>64.76</td><td>64.81</td><td>64.86</td><td>64.91</td><td>64.96</td><td>65.01</td><td>65.06</td><td>65.11</td><td>65.16</td><td>65.21</td><td>65.26</td><td>65.31</td><td>65.36</td><td>65.41</td><td>65.46</td><td>65.51</td><td>65.56</td><td>65.61</td><td>65.66</td><td>65.71</td><td>65.76</td><td>65.81</td><td>65.86</td><td>65.91</td><td>65.96</td><td>66.01</td><td>66.06</td><td>66.11</td><td>66.16</td><td>66.21</td><td>66.26</td><td>66.31</td><td>66.36</td><td>66.41</td><td>66.46</td><td>66.51</td><td>66.56</td><td>66.61</td><td>66.66</td><td>66.71</td><td>66.76</td><td>66</td></tr></table>	वक्रांक (GRAD US)	क1	क2	क3	क4	क5	क6	क7	क8	क9	क10	क11	क12	क13	क14	क15	क16	क17	क18	क19	क20	क21	क22	क23	क24	क25	क26	क27	क28	क29	क30	क31	क32	क33	क34	क35	क36	क37	क38	क39	क40	क41	क42	क43	क44	क45	क46	क47	क48	क49	क50	क51	क52	क53	क54	क55	क56	क57	क58	क59	क60	क61	क62	क63	क64	क65	क66	क67	क68	क69	क70	क71	क72	क73	क74	क75	क76	क77	क78	क79	क80	क81	क82	क83	क84	क85	क86	क87	क88	क89	क90	क91	क92	क93	क94	क95	क96	क97	क98	क99	क100	81	15.841	13.413	11.473	10.018	10.118	10.442	10.822	8.75	8.74	10.49	10.56	10.61	10.66	10.71	10.76	10.81	10.86	10.91	10.96	11.01	11.06	11.11	11.16	11.21	11.26	11.31	11.36	11.41	11.46	11.51	11.56	11.61	11.66	11.71	11.76	11.81	11.86	11.91	11.96	12.01	12.06	12.11	12.16	12.21	12.26	12.31	12.36	12.41	12.46	12.51	12.56	12.61	12.66	12.71	12.76	12.81	12.86	12.91	12.96	13.01	13.06	13.11	13.16	13.21	13.26	13.31	13.36	13.41	13.46	13.51	13.56	13.61	13.66	13.71	13.76	13.81	13.86	13.91	13.96	14.01	14.06	14.11	14.16	14.21	14.26	14.31	14.36	14.41	14.46	14.51	14.56	14.61	14.66	14.71	14.76	14.81	14.86	14.91	14.96	15.01	15.06	15.11	15.16	15.21	15.26	15.31	15.36	15.41	15.46	15.51	15.56	15.61	15.66	15.71	15.76	15.81	15.86	15.91	15.96	16.01	16.06	16.11	16.16	16.21	16.26	16.31	16.36	16.41	16.46	16.51	16.56	16.61	16.66	16.71	16.76	16.81	16.86	16.91	16.96	17.01	17.06	17.11	17.16	17.21	17.26	17.31	17.36	17.41	17.46	17.51	17.56	17.61	17.66	17.71	17.76	17.81	17.86	17.91	17.96	18.01	18.06	18.11	18.16	18.21	18.26	18.31	18.36	18.41	18.46	18.51	18.56	18.61	18.66	18.71	18.76	18.81	18.86	18.91	18.96	19.01	19.06	19.11	19.16	19.21	19.26	19.31	19.36	19.41	19.46	19.51	19.56	19.61	19.66	19.71	19.76	19.81	19.86	19.91	19.96	20.01	20.06	20.11	20.16	20.21	20.26	20.31	20.36	20.41	20.46	20.51	20.56	20.61	20.66	20.71	20.76	20.81	20.86	20.91	20.96	21.01	21.06	21.11	21.16	21.21	21.26	21.31	21.36	21.41	21.46	21.51	21.56	21.61	21.66	21.71	21.76	21.81	21.86	21.91	21.96	22.01	22.06	22.11	22.16	22.21	22.26	22.31	22.36	22.41	22.46	22.51	22.56	22.61	22.66	22.71	22.76	22.81	22.86	22.91	22.96	23.01	23.06	23.11	23.16	23.21	23.26	23.31	23.36	23.41	23.46	23.51	23.56	23.61	23.66	23.71	23.76	23.81	23.86	23.91	23.96	24.01	24.06	24.11	24.16	24.21	24.26	24.31	24.36	24.41	24.46	24.51	24.56	24.61	24.66	24.71	24.76	24.81	24.86	24.91	24.96	25.01	25.06	25.11	25.16	25.21	25.26	25.31	25.36	25.41	25.46	25.51	25.56	25.61	25.66	25.71	25.76	25.81	25.86	25.91	25.96	26.01	26.06	26.11	26.16	26.21	26.26	26.31	26.36	26.41	26.46	26.51	26.56	26.61	26.66	26.71	26.76	26.81	26.86	26.91	26.96	27.01	27.06	27.11	27.16	27.21	27.26	27.31	27.36	27.41	27.46	27.51	27.56	27.61	27.66	27.71	27.76	27.81	27.86	27.91	27.96	28.01	28.06	28.11	28.16	28.21	28.26	28.31	28.36	28.41	28.46	28.51	28.56	28.61	28.66	28.71	28.76	28.81	28.86	28.91	28.96	29.01	29.06	29.11	29.16	29.21	29.26	29.31	29.36	29.41	29.46	29.51	29.56	29.61	29.66	29.71	29.76	29.81	29.86	29.91	29.96	30.01	30.06	30.11	30.16	30.21	30.26	30.31	30.36	30.41	30.46	30.51	30.56	30.61	30.66	30.71	30.76	30.81	30.86	30.91	30.96	31.01	31.06	31.11	31.16	31.21	31.26	31.31	31.36	31.41	31.46	31.51	31.56	31.61	31.66	31.71	31.76	31.81	31.86	31.91	31.96	32.01	32.06	32.11	32.16	32.21	32.26	32.31	32.36	32.41	32.46	32.51	32.56	32.61	32.66	32.71	32.76	32.81	32.86	32.91	32.96	33.01	33.06	33.11	33.16	33.21	33.26	33.31	33.36	33.41	33.46	33.51	33.56	33.61	33.66	33.71	33.76	33.81	33.86	33.91	33.96	34.01	34.06	34.11	34.16	34.21	34.26	34.31	34.36	34.41	34.46	34.51	34.56	34.61	34.66	34.71	34.76	34.81	34.86	34.91	34.96	35.01	35.06	35.11	35.16	35.21	35.26	35.31	35.36	35.41	35.46	35.51	35.56	35.61	35.66	35.71	35.76	35.81	35.86	35.91	35.96	36.01	36.06	36.11	36.16	36.21	36.26	36.31	36.36	36.41	36.46	36.51	36.56	36.61	36.66	36.71	36.76	36.81	36.86	36.91	36.96	37.01	37.06	37.11	37.16	37.21	37.26	37.31	37.36	37.41	37.46	37.51	37.56	37.61	37.66	37.71	37.76	37.81	37.86	37.91	37.96	38.01	38.06	38.11	38.16	38.21	38.26	38.31	38.36	38.41	38.46	38.51	38.56	38.61	38.66	38.71	38.76	38.81	38.86	38.91	38.96	39.01	39.06	39.11	39.16	39.21	39.26	39.31	39.36	39.41	39.46	39.51	39.56	39.61	39.66	39.71	39.76	39.81	39.86	39.91	39.96	40.01	40.06	40.11	40.16	40.21	40.26	40.31	40.36	40.41	40.46	40.51	40.56	40.61	40.66	40.71	40.76	40.81	40.86	40.91	40.96	41.01	41.06	41.11	41.16	41.21	41.26	41.31	41.36	41.41	41.46	41.51	41.56	41.61	41.66	41.71	41.76	41.81	41.86	41.91	41.96	42.01	42.06	42.11	42.16	42.21	42.26	42.31	42.36	42.41	42.46	42.51	42.56	42.61	42.66	42.71	42.76	42.81	42.86	42.91	42.96	43.01	43.06	43.11	43.16	43.21	43.26	43.31	43.36	43.41	43.46	43.51	43.56	43.61	43.66	43.71	43.76	43.81	43.86	43.91	43.96	44.01	44.06	44.11	44.16	44.21	44.26	44.31	44.36	44.41	44.46	44.51	44.56	44.61	44.66	44.71	44.76	44.81	44.86	44.91	44.96	45.01	45.06	45.11	45.16	45.21	45.26	45.31	45.36	45.41	45.46	45.51	45.56	45.61	45.66	45.71	45.76	45.81	45.86	45.91	45.96	46.01	46.06	46.11	46.16	46.21	46.26	46.31	46.36	46.41	46.46	46.51	46.56	46.61	46.66	46.71	46.76	46.81	46.86	46.91	46.96	47.01	47.06	47.11	47.16	47.21	47.26	47.31	47.36	47.41	47.46	47.51	47.56	47.61	47.66	47.71	47.76	47.81	47.86	47.91	47.96	48.01	48.06	48.11	48.16	48.21	48.26	48.31	48.36	48.41	48.46	48.51	48.56	48.61	48.66	48.71	48.76	48.81	48.86	48.91	48.96	49.01	49.06	49.11	49.16	49.21	49.26	49.31	49.36	49.41	49.46	49.51	49.56	49.61	49.66	49.71	49.76	49.81	49.86	49.91	49.96	50.01	50.06	50.11	50.16	50.21	50.26	50.31	50.36	50.41	50.46	50.51	50.56	50.61	50.66	50.71	50.76	50.81	50.86	50.91	50.96	51.01	51.06	51.11	51.16	51.21	51.26	51.31	51.36	51.41	51.46	51.51	51.56	51.61	51.66	51.71	51.76	51.81	51.86	51.91	51.96	52.01	52.06	52.11	52.16	52.21	52.26	52.31	52.36	52.41	52.46	52.51	52.56	52.61	52.66	52.71	52.76	52.81	52.86	52.91	52.96	53.01	53.06	53.11	53.16	53.21	53.26	53.31	53.36	53.41	53.46	53.51	53.56	53.61	53.66	53.71	53.76	53.81	53.86	53.91	53.96	54.01	54.06	54.11	54.16	54.21	54.26	54.31	54.36	54.41	54.46	54.51	54.56	54.61	54.66	54.71	54.76	54.81	54.86	54.91	54.96	55.01	55.06	55.11	55.16	55.21	55.26	55.31	55.36	55.41	55.46	55.51	55.56	55.61	55.66	55.71	55.76	55.81	55.86	55.91	55.96	56.01	56.06	56.11	56.16	56.21	56.26	56.31	56.36	56.41	56.46	56.51	56.56	56.61	56.66	56.71	56.76	56.81	56.86	56.91	56.96	57.01	57.06	57.11	57.16	57.21	57.26	57.31	57.36	57.41	57.46	57.51	57.56	57.61	57.66	57.71	57.76	57.81	57.86	57.91	57.96	58.01	58.06	58.11	58.16	58.21	58.26	58.31	58.36	58.41	58.46	58.51	58.56	58.61	58.66	58.71	58.76	58.81	58.86	58.91	58.96	59.01	59.06	59.11	59.16	59.21	59.26	59.31	59.36	59.41	59.46	59.51	59.56	59.61	59.66	59.71	59.76	59.81	59.86	59.91	59.96	60.01	60.06	60.11	60.16	60.21	60.26	60.31	60.36	60.41	60.46	60.51	60.56	60.61	60.66	60.71	60.76	60.81	60.86	60.91	60.96	61.01	61.06	61.11	61.16	61.21	61.26	61.31	61.36	61.41	61.46	61.51	61.56	61.61	61.66	61.71	61.76	61.81	61.86	61.91	61.96	62.01	62.06	62.11	62.16	62.21	62.26	62.31	62.36	62.41	62.46	62.51	62.56	62.61	62.66	62.71	62.76	62.81	62.86	62.91	62.96	63.01	63.06	63.11	63.16	63.21	63.26	63.31	63.36	63.41	63.46	63.51	63.56	63.61	63.66	63.71	63.76	63.81	63.86	63.91	63.96	64.01	64.06	64.11	64.16	64.21	64.26	64.31	64.36	64.41	64.46	64.51	64.56	64.61	64.66	64.71	64.76	64.81	64.86	64.91	64.96	65.01	65.06	65.11	65.16	65.21	65.26	65.31	65.36	65.41	65.46	65.51	65.56	65.61	65.66	65.71	65.76	65.81	65.86	65.91	65.96	66.01	66.06	66.11	66.16	66.21	66.26	66.31	66.36	66.41	66.46	66.51	66.56	66.61	66.66	66.71	66.76	66
वक्रांक (GRAD US)	क1	क2	क3	क4	क5	क6	क7	क8	क9	क10	क11	क12	क13	क14	क15	क16	क17	क18	क19	क20	क21	क22	क23	क24	क25	क26	क27	क28	क29	क30	क31	क32	क33	क34	क35	क36	क37	क38	क39	क40	क41	क42	क43	क44	क45	क46	क47	क48	क49	क50	क51	क52	क53	क54	क55	क56	क57	क58	क59	क60	क61	क62	क63	क64	क65	क66	क67	क68	क69	क70	क71	क72	क73	क74	क75	क76	क77	क78	क79	क80	क81	क82	क83	क84	क85	क86	क87	क88	क89	क90	क91	क92	क93	क94	क95	क96	क97	क98	क99	क100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
81	15.841	13.413	11.473	10.018	10.118	10.442	10.822	8.75	8.74	10.49	10.56	10.61	10.66	10.71	10.76	10.81	10.86	10.91	10.96	11.01	11.06	11.11	11.16	11.21	11.26	11.31	11.36	11.41	11.46	11.51	11.56	11.61	11.66	11.71	11.76	11.81	11.86	11.91	11.96	12.01	12.06	12.11	12.16	12.21	12.26	12.31	12.36	12.41	12.46	12.51	12.56	12.61	12.66	12.71	12.76	12.81	12.86	12.91	12.96	13.01	13.06	13.11	13.16	13.21	13.26	13.31	13.36	13.41	13.46	13.51	13.56	13.61	13.66	13.71	13.76	13.81	13.86	13.91	13.96	14.01	14.06	14.11	14.16	14.21	14.26	14.31	14.36	14.41	14.46	14.51	14.56	14.61	14.66	14.71	14.76	14.81	14.86	14.91	14.96	15.01	15.06	15.11	15.16	15.21	15.26	15.31	15.36	15.41	15.46	15.51	15.56	15.61	15.66	15.71	15.76	15.81	15.86	15.91	15.96	16.01	16.06	16.11	16.16	16.21	16.26	16.31	16.36	16.41	16.46	16.51	16.56	16.61	16.66	16.71	16.76	16.81	16.86	16.91	16.96	17.01	17.06	17.11	17.16	17.21	17.26	17.31	17.36	17.41	17.46	17.51	17.56	17.61	17.66	17.71	17.76	17.81	17.86	17.91	17.96	18.01	18.06	18.11	18.16	18.21	18.26	18.31	18.36	18.41	18.46	18.51	18.56	18.61	18.66	18.71	18.76	18.81	18.86	18.91	18.96	19.01	19.06	19.11	19.16	19.21	19.26	19.31	19.36	19.41	19.46	19.51	19.56	19.61	19.66	19.71	19.76	19.81	19.86	19.91	19.96	20.01	20.06	20.11	20.16	20.21	20.26	20.31	20.36	20.41	20.46	20.51	20.56	20.61	20.66	20.71	20.76	20.81	20.86	20.91	20.96	21.01	21.06	21.11	21.16	21.21	21.26	21.31	21.36	21.41	21.46	21.51	21.56	21.61	21.66	21.71	21.76	21.81	21.86	21.91	21.96	22.01	22.06	22.11	22.16	22.21	22.26	22.31	22.36	22.41	22.46	22.51	22.56	22.61	22.66	22.71	22.76	22.81	22.86	22.91	22.96	23.01	23.06	23.11	23.16	23.21	23.26	23.31	23.36	23.41	23.46	23.51	23.56	23.61	23.66	23.71	23.76	23.81	23.86	23.91	23.96	24.01	24.06	24.11	24.16	24.21	24.26	24.31	24.36	24.41	24.46	24.51	24.56	24.61	24.66	24.71	24.76	24.81	24.86	24.91	24.96	25.01	25.06	25.11	25.16	25.21	25.26	25.31	25.36	25.41	25.46	25.51	25.56	25.61	25.66	25.71	25.76	25.81	25.86	25.91	25.96	26.01	26.06	26.11	26.16	26.21	26.26	26.31	26.36	26.41	26.46	26.51	26.56	26.61	26.66	26.71	26.76	26.81	26.86	26.91	26.96	27.01	27.06	27.11	27.16	27.21	27.26	27.31	27.36	27.41	27.46	27.51	27.56	27.61	27.66	27.71	27.76	27.81	27.86	27.91	27.96	28.01	28.06	28.11	28.16	28.21	28.26	28.31	28.36	28.41	28.46	28.51	28.56	28.61	28.66	28.71	28.76	28.81	28.86	28.91	28.96	29.01	29.06	29.11	29.16	29.21	29.26	29.31	29.36	29.41	29.46	29.51	29.56	29.61	29.66	29.71	29.76	29.81	29.86	29.91	29.96	30.01	30.06	30.11	30.16	30.21	30.26	30.31	30.36	30.41	30.46	30.51	30.56	30.61	30.66	30.71	30.76	30.81	30.86	30.91	30.96	31.01	31.06	31.11	31.16	31.21	31.26	31.31	31.36	31.41	31.46	31.51	31.56	31.61	31.66	31.71	31.76	31.81	31.86	31.91	31.96	32.01	32.06	32.11	32.16	32.21	32.26	32.31	32.36	32.41	32.46	32.51	32.56	32.61	32.66	32.71	32.76	32.81	32.86	32.91	32.96	33.01	33.06	33.11	33.16	33.21	33.26	33.31	33.36	33.41	33.46	33.51	33.56	33.61	33.66	33.71	33.76	33.81	33.86	33.91	33.96	34.01	34.06	34.11	34.16	34.21	34.26	34.31	34.36	34.41	34.46	34.51	34.56	34.61	34.66	34.71	34.76	34.81	34.86	34.91	34.96	35.01	35.06	35.11	35.16	35.21	35.26	35.31	35.36	35.41	35.46	35.51	35.56	35.61	35.66	35.71	35.76	35.81	35.86	35.91	35.96	36.01	36.06	36.11	36.16	36.21	36.26	36.31	36.36	36.41	36.46	36.51	36.56	36.61	36.66	36.71	36.76	36.81	36.86	36.91	36.96	37.01	37.06	37.11	37.16	37.21	37.26	37.31	37.36	37.41	37.46	37.51	37.56	37.61	37.66	37.71	37.76	37.81	37.86	37.91	37.96	38.01	38.06	38.11	38.16	38.21	38.26	38.31	38.36	38.41	38.46	38.51	38.56	38.61	38.66	38.71	38.76	38.81	38.86	38.91	38.96	39.01	39.06	39.11	39.16	39.21	39.26	39.31	39.36	39.41	39.46	39.51	39.56	39.61	39.66	39.71	39.76	39.81	39.86	39.91	39.96	40.01	40.06	40.11	40.16	40.21	40.26	40.31	40.36	40.41	40.46	40.51	40.56	40.61	40.66	40.71	40.76	40.81	40.86	40.91	40.96	41.01	41.06	41.11	41.16	41.21	41.26	41.31	41.36	41.41	41.46	41.51	41.56	41.61	41.66	41.71	41.76	41.81	41.86	41.91	41.96	42.01	42.06	42.11	42.16	42.21	42.26	42.31	42.36	42.41	42.46	42.51	42.56	42.61	42.66	42.71	42.76	42.81	42.86	42.91	42.96	43.01	43.06	43.11	43.16	43.21	43.26	43.31	43.36	43.41	43.46	43.51	43.56	43.61	43.66	43.71	43.76	43.81	43.86	43.91	43.96	44.01	44.06	44.11	44.16	44.21	44.26	44.31	44.36	44.41	44.46	44.51	44.56	44.61	44.66	44.71	44.76	44.81	44.86	44.91	44.96	45.01	45.06	45.11	45.16	45.21	45.26	45.31	45.36	45.41	45.46	45.51	45.56	45.61	45.66	45.71	45.76	45.81	45.86	45.91	45.96	46.01	46.06	46.11	46.16	46.21	46.26	46.31	46.36	46.41	46.46	46.51	46.56	46.61	46.66	46.71	46.76	46.81	46.86	46.91	46.96	47.01	47.06	47.11	47.16	47.21	47.26	47.31	47.36	47.41	47.46	47.51	47.56	47.61	47.66	47.71	47.76	47.81	47.86	47.91	47.96	48.01	48.06	48.11	48.16	48.21	48.26	48.31	48.36	48.41	48.46	48.51	48.56	48.61	48.66	48.71	48.76	48.81	48.86	48.91	48.96	49.01	49.06	49.11	49.16	49.21	49.26	49.31	49.36	49.41	49.46	49.51	49.56	49.61	49.66	49.71	49.76	49.81	49.86	49.91	49.96	50.01	50.06	50.11	50.16	50.21	50.26	50.31	50.36	50.41	50.46	50.51	50.56	50.61	50.66	50.71	50.76	50.81	50.86	50.91	50.96	51.01	51.06	51.11	51.16	51.21	51.26	51.31	51.36	51.41	51.46	51.51	51.56	51.61	51.66	51.71	51.76	51.81	51.86	51.91	51.96	52.01	52.06	52.11	52.16	52.21	52.26	52.31	52.36	52.41	52.46	52.51	52.56	52.61	52.66	52.71	52.76	52.81	52.86	52.91	52.96	53.01	53.06	53.11	53.16	53.21	53.26	53.31	53.36	53.41	53.46	53.51	53.56	53.61	53.66	53.71	53.76	53.81	53.86	53.91	53.96	54.01	54.06	54.11	54.16	54.21	54.26	54.31	54.36	54.41	54.46	54.51	54.56	54.61	54.66	54.71	54.76	54.81	54.86	54.91	54.96	55.01	55.06	55.11	55.16	55.21	55.26	55.31	55.36	55.41	55.46	55.51	55.56	55.61	55.66	55.71	55.76	55.81	55.86	55.91	55.96	56.01	56.06	56.11	56.16	56.21	56.26	56.31	56.36	56.41	56.46	56.51	56.56	56.61	56.66	56.71	56.76	56.81	56.86	56.91	56.96	57.01	57.06	57.11	57.16	57.21	57.26	57.31	57.36	57.41	57.46	57.51	57.56	57.61	57.66	57.71	57.76	57.81	57.86	57.91	57.96	58.01	58.06	58.11	58.16	58.21	58.26	58.31	58.36	58.41	58.46	58.51	58.56	58.61	58.66	58.71	58.76	58.81	58.86	58.91	58.96	59.01	59.06	59.11	59.16	59.21	59.26	59.31	59.36	59.41	59.46	59.51	59.56	59.61	59.66	59.71	59.76	59.81	59.86	59.91	59.96	60.01	60.06	60.11	60.16	60.21	60.26	60.31	60.36	60.41	60.46	60.51	60.56	60.61	60.66	60.71	60.76	60.81	60.86	60.91	60.96	61.01	61.06	61.11	61.16	61.21	61.26	61.31	61.36	61.41	61.46	61.51	61.56	61.61	61.66	61.71	61.76	61.81	61.86	61.91	61.96	62.01	62.06	62.11	62.16	62.21	62.26	62.31	62.36	62.41	62.46	62.51	62.56	62.61	62.66	62.71	62.76	62.81	62.86	62.91	62.96	63.01	63.06	63.11	63.16	63.21	63.26	63.31	63.36	63.41	63.46	63.51	63.56	63.61	63.66	63.71	63.76	63.81	63.86	63.91	63.96	64.01	64.06	64.11	64.16	64.21	64.26	64.31	64.36	64.41	64.46	64.51	64.56	64.61	64.66	64.71	64.76	64.81	64.86	64.91	64.96	65.01	65.06	65.11	65.16	65.21	65.26	65.31	65.36	65.41	65.46	65.51	65.56	65.61	65.66	65.71	65.76	65.81	65.86	65.91	65.96	66.01	66.06	66.11	66.16	66.21	66.26	66.31	66.36	66.41	66.46	66.51	66.56	66.61	66.66	66.71	66.76	66																																																																																																							

चिह्नित 25A	1A/2A/3A/4A/5A/6A/7A/8A/9A/10A/11A/12A/13A/14A/15A/16A/17A/18A/19A/20A/21A/22A/23A/24A/25A/26A/27A/28A/29A/30A/31A/32A/33A/34A/35A/36A/37A/38A/39A/40A/41A/42A/43A/44A/45A/46A/47A/48A/49A/50A/51A/52A/53A/54A/55A/56A/57A/58A/59A/60A/61A/62A/63A/64A/65A/66A/67A/68A/69A/70A/71A/72A/73A/74A/75A/76A/77A/78A/79A/80A/81A/82A/83A/84A/85A/86A/87A/88A/89A/90A/91A/92A/93A/94A/95A/96A/97A/98A/99A/100A/101A/102A/103A/104A/105A/106A/107A/108A/109A/110A/111A/112A/113A/114A/115A/116A/117A/118A/119A/120A/121A/122A/123A/124A/125A/126A/127A/128A/129A/130A/131A/132A/133A/134A/135A/136A/137A/138A/139A/140A/141A/142A/143A/144A/145A/146A/147A/148A/149A/150A/151A/152A/153A/154A/155A/156A/157A/158A/159A/160A/161A/162A/163A/164A/165A/166A/167A/168A/169A/170A/171A/172A/173A/174A/175A/176A/177A/178A/179A/180A/181A/182A/183A/184A/185A/186A/187A/188A/189A/190A/191A/192A/193A/194A/195A/196A/197A/198A/199A/200A/201A/202A/203A/204A/205A/206A/207A/208A/209A/210A/211A/212A/213A/214A/215A/216A/217A/218A/219A/220A/221A/222A/223A/224A/225A/226A/227A/228A/229A/230A/231A/232A/233A/234A/235A/236A/237A/238A/239A/240A/241A/242A/243A/244A/245A/246A/247A/248A/249A/250A/251A/252A/253A/254A/255A/256A/257A/258A/259A/260A/261A/262A/263A/264A/265A/266A/267A/268A/269A/270A/271A/272A/273A/274A/275A/276A/277A/278A/279A/280A/281A/282A/283A/284A/285A/286A/287A/288A/289A/290A/291A/292A/293A/294A/295A/296A/297A/298A/299A/300A/301A/302A/303A/304A/305A/306A/307A/308A/309A/310A/311A/312A/313A/314A/315A/316A/317A/318A/319A/320A/321A/322A/323A/324A/325A/326A/327A/328A/329A/330A/331A/332A/333A/334A/335A/336A/337A/338A/339A/340A/341A/342A/343A/344A/345A/346A/347A/348A/349A/350A/351A/352A/353A/354A/355A/356A/357A/358A/359A/360A/361A/362A/363A/364A/365A/366A/367A/368A/369A/370A/371A/372A/373A/374A/375A/376A/377A/378A/379A/380A/381A/382A/383A/384A/385A/386A/387A/388A/389A/390A/391A/392A/393A/394A/395A/396A/397A/398A/399A/400A/401A/402A/403A/404A/405A/406A/407A/408A/409A/410A/411A/412A/413A/414A/415A/416A/417A/418A/419A/420A/421A/422A/423A/424A/425A/426A/427A/428A/429A/430A/431A/432A/433A/434A/435A/436A/437A/438A/439A/440A/441A/442A/443A/444A/445A/446A/447A/448A/449A/450A/451A/452A/453A/454A/455A/456A/457A/458A/459A/460A/461A/462A/463A/464A/465A/466A/467A/468A/469A/470A/471A/472A/473A/474A/475A/476A/477A/478A/479A/480A/481A/482A/483A/484A/485A/486A/487A/488A/489A/490A/491A/492A/493A/494A/495A/496A/497A/498A/499A/500A/501A/502A/503A/504A/505A/506A/507A/508A/509A/510A/511A/512A/513A/514A/515A/516A/517A/518A/519A/520A/521A/522A/523A/524A/525A/526A/527A/528A/529A/530A/531A/532A/533A/534A/535A/536A/537A/538A/539A/540A/541A/542A/543A/544A/545A/546A/547A/548A/549A/550A/551A/552A/553A/554A/555A/556A/557A/558A/559A/560A/561A/562A/563A/564A/565A/566A/567A/568A/569A/570A/571A/572A/573A/574A/575A/576A/577A/578A/579A/580A/581A/582A/583A/584A/585A/586A/587A/588A/589A/590A/591A/592A/593A/594A/595A/596A/597A/598A/599A/600A/601A/602A/603A/604A/605A/606A/607A/608A/609A/610A/611A/612A/613A/614A/615A/616A/617A/618A/619A/620A/621A/622A/623A/624A/625A/626A/627A/628A/629A/630A/631A/632A/633A/634A/635A/636A/637A/638A/639A/640A/641A/642A/643A/644A/645A/646A/647A/648A/649A/650A/651A/652A/653A/654A/655A/656A/657A/658A/659A/660A/661A/662A/663A/664A/665A/666A/667A/668A/669A/670A/671A/672A/673A/674A/675A/676A/677A/678A/679A/680A/681A/682A/683A/684A/685A/686A/687A/688A/689A/690A/691A/692A/693A/694A/695A/696A/697A/698A/699A/700A/701A/702A/703A/704A/705A/706A/707A/708A/709A/710A/711A/712A/713A/714A/715A/716A/717A/718A/719A/720A/721A/722A/723A/724A/725A/726A/727A/728A/729A/730A/731A/732A/733A/734A/735A/736A/737A/738A/739A/740A/741A/742A/743A/744A/745A/746A/747A/748A/749A/750A/751A/752A/753A/754A/755A/756A/757A/758A/759A/760A/761A/762A/763A/764A/765A/766A/767A/768A/769A/770A/771A/772A/773A/774A/775A/776A/777A/778A/779A/780A/781A/782A/783A/784A/785A/786A/787A/788A/789A/790A/791A/792A/793A/794A/795A/796A/797A/798A/799A/800A/801A/802A/803A/804A/805A/806A/807A/808A/809A/810A/811A/812A/813A/814A/815A/816A/817A/818A/819A/820A/821A/822A/823A/824A/825A/826A/827A/828A/829A/830A/831A/832A/833A/83
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SURFACE ROUGHNESS Ra VALUES IN μm
REMOVE ALL BURRS & SHARP EDGES

1. ALL DIMENSIONS ARE IN mm
2. C&D NO. T302/169
3. QTY./LOCO: 2 NOS.
4. NEXT LEVEL ASSEMBLY DRG. NO. 1209-02.126-009
5. USED FOR LOCO- WAG-9HC, WAP-7
6. UNSPECIFIED TOLERANCE IN THE DIMENSIONS MENTIONED AT DRAWINGS TO BE FOLLOWED AS PER IS:2102 (PART-1):1993 -TOLERANCE CLASS- MEDIUM OF TABLE- 1

MATERIAL: ~~MCP300 X 90 ROLLED STEEL CHANNEL TO IS:808~~

ISMC 300X90 ROLLED STEEL CHANNEL TO IS 808:2021

NOTE:(*) INCLUDES ALLOWANCE FOR SHRINKAGE, ROOT GAPS AND/OR TRIMMING

धातु-वेल्डन चिन्ह		अनिर्दिष्ट सहा - सीमा मा. मा. : 2102 / अ. मा. सं. : 2768												TOL. CLS.	
मा. मा. : 813 / अ. मा. सं. : 2553		UNSPECIFIED TOLERANCE TO IS : 2102 / ISO : 2768													
पदांक	सं	स1	स2	स3	स4	स5	स6	स7	स8	स9	स10	स11	स12		
GRADE NO.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	N13		
R2	0.16-0.3	0.5-0.7	0.9-1.1	1.5-2.0	2.5-3.0	5.0-6.3	9.0-12	16-25	30-40	50-63	75-100	140-250			
Ra μm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50			
चिन्ह	सं	स1	स2	स3	स4	स5	स6	स7	स8	स9	स10	स11	स12		
SYMBOL															

कर्मिकान्त DGN		चित्तारंजन रेलइंजन कारखाना CHITTARANJAN LOCOMOTIVE WORKS, INDIA	
जोधा र.अ.अ. CHD SSE	RAJEEV KUMAR	पदार्थ MATERIAL	STEEL
समीक्षित स.वि.अ. / र.वि.अ. REVIEWED AEE / SEE		मिति बार कि. घा. MT. EACH IN KG	597.69
अनुमोदित छ.मु.वि.अ. APPROVED DYCEE	SYANKA PRASAD PATRA	विशिष्ट SPECN	IS:2062:2011 Gr. E-250 CU QUALITY-C KILLED NORMALIZED
दिनांक DATE	28-06-22	वर्णन DESCRIPTION	SIDE SILL
रेखक अनुपात SCALE	1:5	आरेखण संख्या DRAWING NO.	1209-02.326-140
परिवर्तन संख्या ALTER. NO.	0	परिवर्तन संख्या ALTERATION NO.	0
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आवृत्ति FREQUENCY		आवृत्ति FREQUENCY	

DED WORK