



**NATIONAL STANDARD OF THE
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**Non-destructive testing -- Image quality of radiographs -- Part
3: Image quality classes**

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1.2 $\mu\text{ct} \leq 2$ W17

2 $\mu\text{ct} \leq 3.5$ W16

3.5 $\mu\text{ct} \leq 5$ W15

5 $\mu\text{ct} \leq 7$ W14

7 $\mu\text{ct} \leq 10$ W13

10 $\mu\text{ct} \leq 15$ W12

15 $\mu\text{ct} \leq 25$ W11

25 $\mu\text{ct} \leq 32$ W10

32 $\mu\text{ct} \leq 40$ W9

40 $\mu\text{ct} \leq 55$ W8

55 $\mu\text{ct} \leq 85$ W7

85 $\mu\text{ct} \leq 150$ W6

150 $\mu\text{ct} \leq 250$ W5

2 $\mu\text{ct} \leq 3.5$ H4

3.5 $\mu\text{ct} \leq 6$ H5

6 $\mu\text{ct} \leq 10$ H6

10 $\mu\text{ct} \leq 15$ H7

15 $\mu\text{ct} \leq 24$ H8

30 $\mu\text{ct} \leq 40$ H10

40 $\mu\text{ct} \leq 60$ H11

60 $\mu\text{ct} \leq 100$ H12

100 μm $\leq$ 150 H13

150 μm $\leq$ 200 H14

200 μm $\leq$ 250 H15

250 μm $\leq$ 320 H16

320 μm $\leq$ 400 H17

9 single-wall transillumination technology (source side B-level image quality)

1.5 μm $\leq$ 2.5 W18

2.5 μm $\leq$ 4 W17

4 μm $\leq$ 6 W16

6 μm $\leq$ 8 W15

8 μm $\leq$ 12 W14

12 μm $\leq$ 20 W13

20 μm $\leq$ 30 W12

30 μm $\leq$ 35 W11

35 μm $\leq$ 45 W10

45 μm $\leq$ 65 W9

65 μm $\leq$ 120 W8

120 μm $\leq$ 200 W7

200 μm $\leq$ 350 W6

2.5 μm $\leq$ 4 H3

4 μm $\leq$ 8 H4

8 μm $\leq$ 12 H5

12 μm $\leq$ 20 H6

20 μm $\leq$ 30 H7

30 μm $\leq$ 40 H8

40 μm $\leq$ 60 H9

60 μm $\leq$ 80 H10

80 μm $\leq$ 100 H11

100 μm $\leq$ 150 H12

150 μm $\leq$ 200 H13

200 μm $\leq$ 250 H14

10 double wall double shadow transillumination technology (source side A level image quality)

1.2 μm $\leq$ 2 W17

2 μm $\leq$ 3.5 W16

3.5 \u003cw<=5 W15
5 \u003cw<=7 W14
7 \u003cw<=12 W13
12 \u003cw<=18 W12
18 \u003cw<=30 W11
30 \u003cw<=40 W10
40 \u003cw<=50 W9
50 \u003cw<=60 W8
60 \u003cw<=85 W7
85 \u003cw<=120 W6
120 \u003cw<=220 W5
220 \u003cw<=380 W4
1 \u003cw<=2 H4
2 \u003cw<=3.5 H5
3.5 \u003cw<=5.5 H6
5.5 \u003cw<=10 H7
10 \u003cw<=19 H8
19 \u003cw<=35 H9
11 double wall double shadow transillumination technology (source side B level image quality)
1.5 \u003cw<=2.5 W18
2.5 \u003cw<=4 W17
4 \u003cw<=6 W16
6 \u003cw<=8 W15
8 \u003cw<=15 W14
15 \u003cw<=25 W13
25 \u003cw<=38 W12
38 \u003cw<=45 W11
45 \u003cw<=55 W10
55 \u003cw<=70 W9
70 \u003cw<=100 W8
100 \u003cw<=170 W7
170 \u003cw<=250 W6
1 \u003cw<=2.5 H3
2.5 \u003cw<=4 H4

4 \u003cw<=6 H5
6 \u003cw<=11 H6
11 \u003cw<=20 H7
20 \u003cw<=35 H8
1.2 \u003cw<=2 W17
2 \u003cw<=3.5 W16
3.5 \u003cw<=5 W15
5 \u003cw<=10 W14
10 \u003cw<=15 W13
15 \u003cw<=22 W12
38 \u003cw<=48 W10
48 \u003cw<=60 W9
60 \u003cw<=85 W8
85 \u003cw<=125 W7
125 \u003cw<=225 W6
225 \u003cw<=375 W5
2 \u003cw<=5 H4
5 \u003cw<=9 H5
9 \u003cw<=14 H6
14 \u003cw<=22 H7
36 \u003cw<=50 H9
50 \u003cw<=80 H10
1.5 \u003cw<=2.5 W18
2.5 \u003cw<=4 W17
4 \u003cw<=6 W16
6 \u003cw<=12 W15
12 \u003cw<=18 W14
18 \u003cw<=30 W13
30 \u003cw<=45 W12
45 \u003cw<=55 W11
55 \u003cw<=70 W10
70 \u003cw<=100 W9
100 \u003cw<=180 W8
180 \u003cw<=300 W7
2.5 \u003cw<=5.5 H3