

17658-2022

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(ISO 17658:2002, IDT)

2022

17658—2022

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 2 364 « » -
 3 30 2022 . 551- -
 4 17658:2002 « » -
 oxyfuel flame cuts, laser beam cuts and plasma cuts — Terminology», IDT). (ISO 17658:2002 «Welding — Imperfections in
 ISO/TC 44 «
 », SC 7 « ».
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 29 2015 . 162- « 26 -
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 (www.rst.gov.ru)

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Welding. Imperfections in oxyfuel flame cuts, laser beam cuts and plasma cuts. Terminology

— 2022—09—01

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()]:
ISO 9013:—1), Thermal cutting — Classification of thermal cuts — Geometrical product specification and quality tolerances ()

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- 4.1 — ;
- 4.2 — ;
- 4.3 — ;
- 4.4 — ;
- 4.5 — .

4

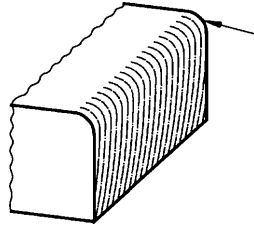
4.1 (imperfections on cut edges): , -

1) (9013:1992).

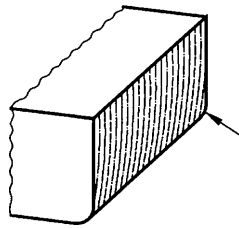
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4.1.1

(melting of cut edge):



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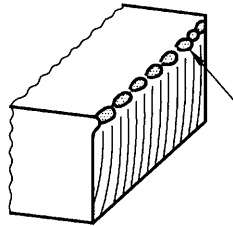


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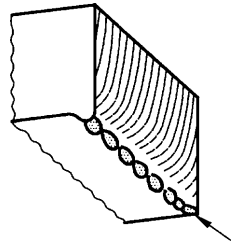
4.1.2

(string of solidified droplets):

ших на верхнюю или нижнюю кромку реза.



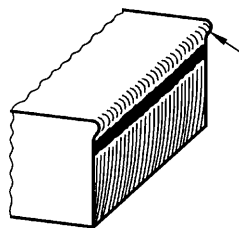
3 —



4 —

4.1.3

(cut edge overhang):

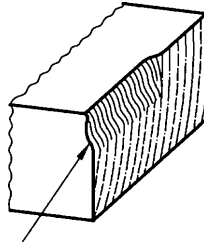


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4.1.4

(melted down top cut edge):



6 —

4.2

(imperfections on cut faces):

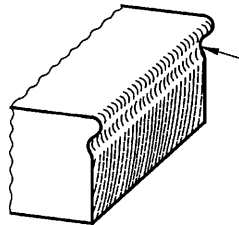
4.2.1

(geometrical deviations):

9013.

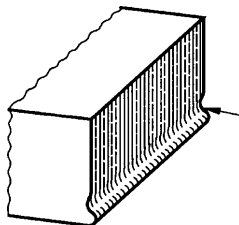
4.2.1.1

(concave cut face at the edges):



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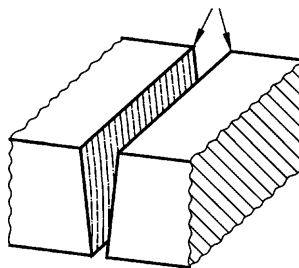


8 —

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4.2.1.2

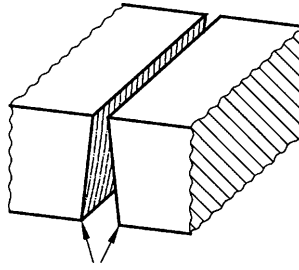
(widening of kerf):



9 —

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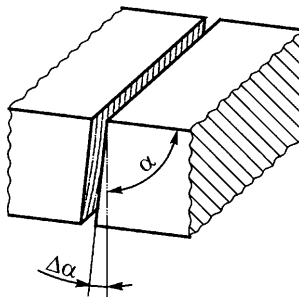
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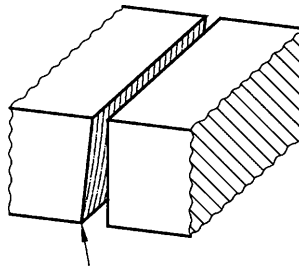
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4.2.1.3

(cut angle deviation):



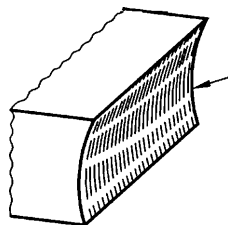
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12 —

4.2.1.4

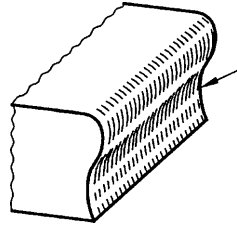
(concave cut face):



13 —

4.2.1.5

(irregular cut face profile):



14 —

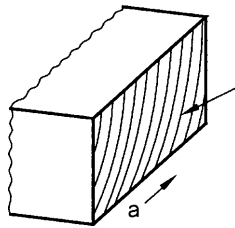
4.2.2

(deviation of drag line):

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4.2.2.1

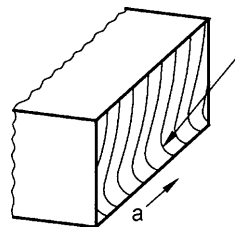
(excessive back run of drag line):



15 —

4.2.2.2

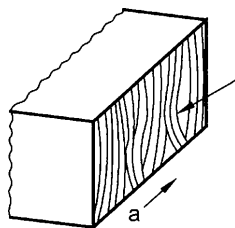
(lead of drag line):



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4.2.2.3

(local deviation of drag line):



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4.2.2.4

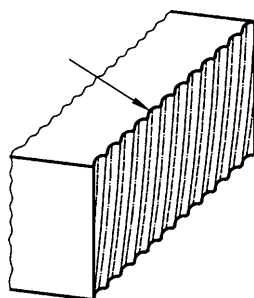
(excessive drag line depth):

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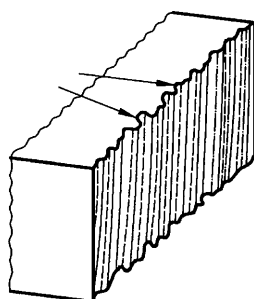
4.2.2.5

(irregular drag line depth):

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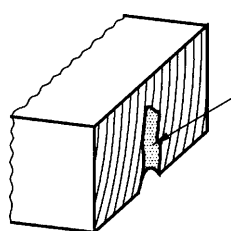


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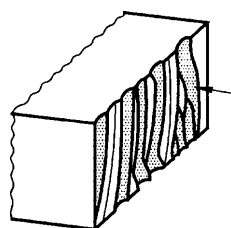
4.2.3

(gouging):

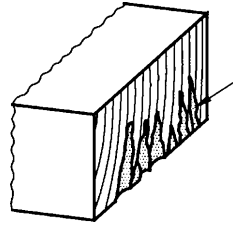
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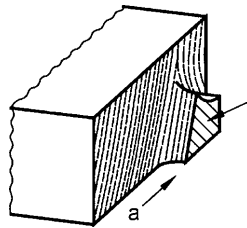
21 —



22 —

4.2.4

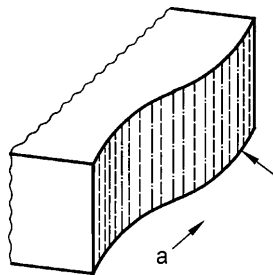
(incomplete end of cut):



23 —

4.2.5

(non-planar cut face):



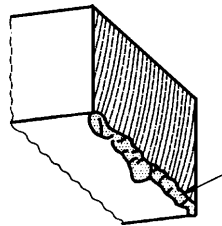
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4.3

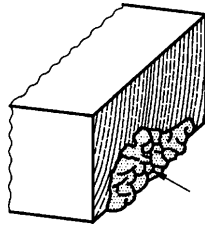
(adherent slag):

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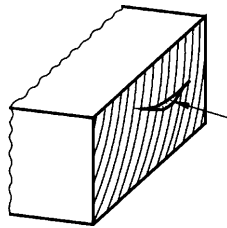


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4.4 (crack):

4.4.1 (microcrack):

4.4.2 (macrocrack):



27 —

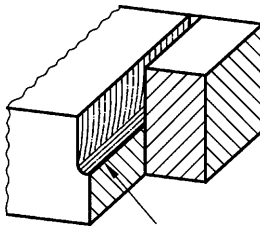
4.5 (other imperfections): 4.1—4.4.

4.5.1 (deviation at start of cut):

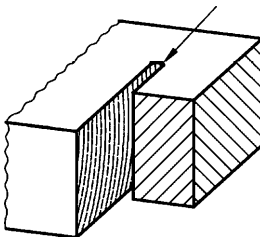
4.5.2 (piercing deviation):

4.5.3 (excessively wide kerf):

4.5.4 [] (lost (incomplete) cut):



28 —



29 —

4.5.5 (burning of surface):

4.5.6 (dimensional deviation):

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	17658	,	
4.3	(slag)	(dross)	: (top dross), (bottom dross), (top edge dross), (bottom edge dross)
4.2.2	(drag line)	(striation)	—
4.2.2.1	(back run)	(lag)	—
4.2.4	(incomplete end of cut)	(bridging)	—

adherent slag 4.3

burning of surface 4.5.5

concave cut face 4.2.1.4

concave cut face at the edges 4.2.1.1

crack 4.4

cut angle deviation 4.2.1.3

cut edge overhang 4.1.3

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deviation of drag line 4.2.2

dimensional deviation 4.5.6

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excessive drag line depth 4.2.2.4

excessively wide kerf 4.5.3

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imperfections on cut faces 4.2

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irregular drag line depth 4.2.2.5

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lost (incomplete) cut 4.5.4

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melted down top cut edge 4.1.4

microcrack 4.4.1

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4.5.4
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621.791:006.354

25.160.10

01.040.25

01.07.2022. 14.07.2022. 60x84%.
1,86. - 1,58.

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