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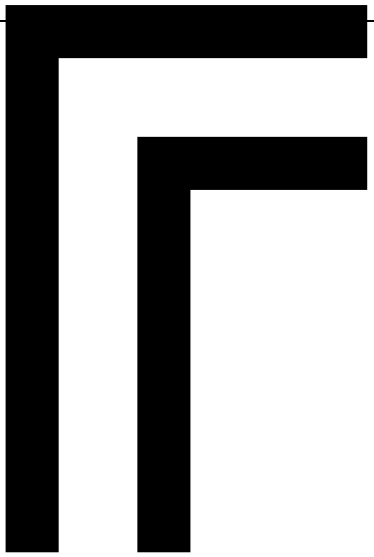

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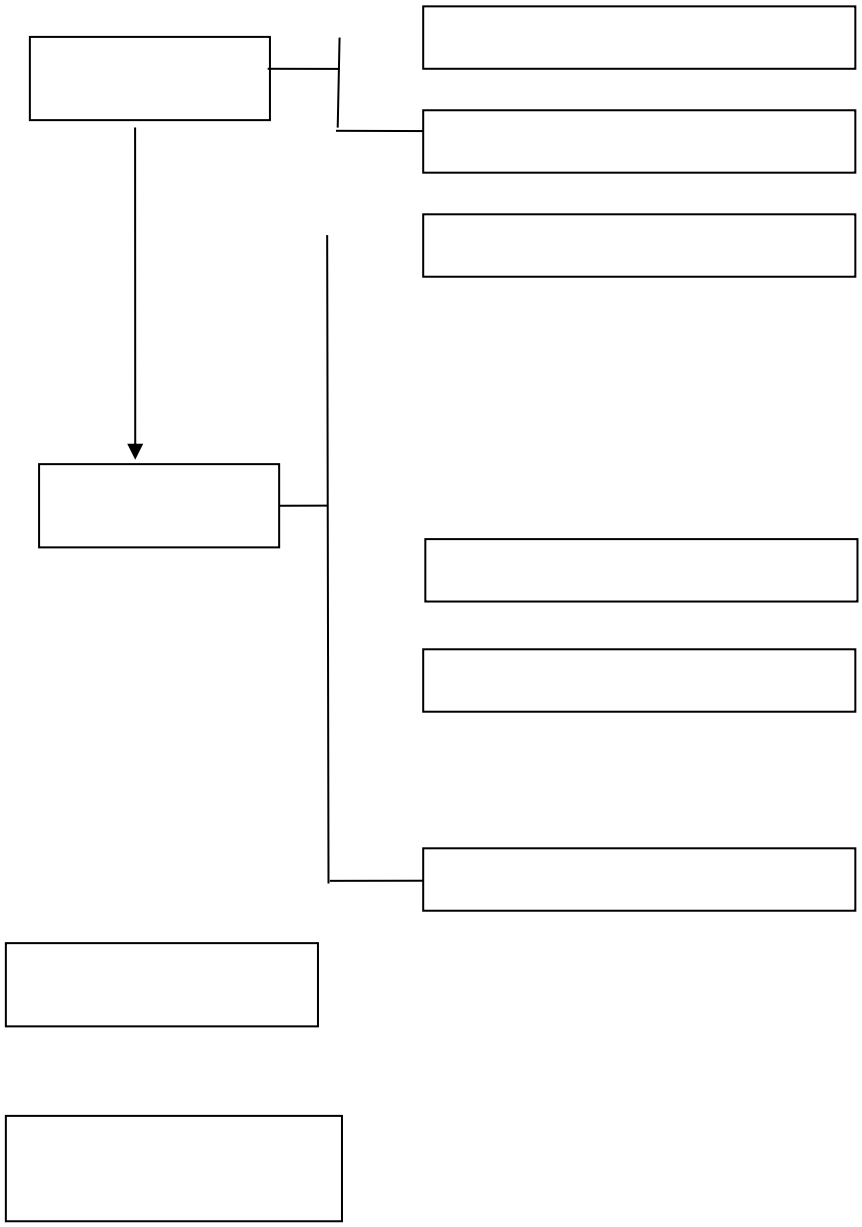

2024

[2020]38

[2024]86

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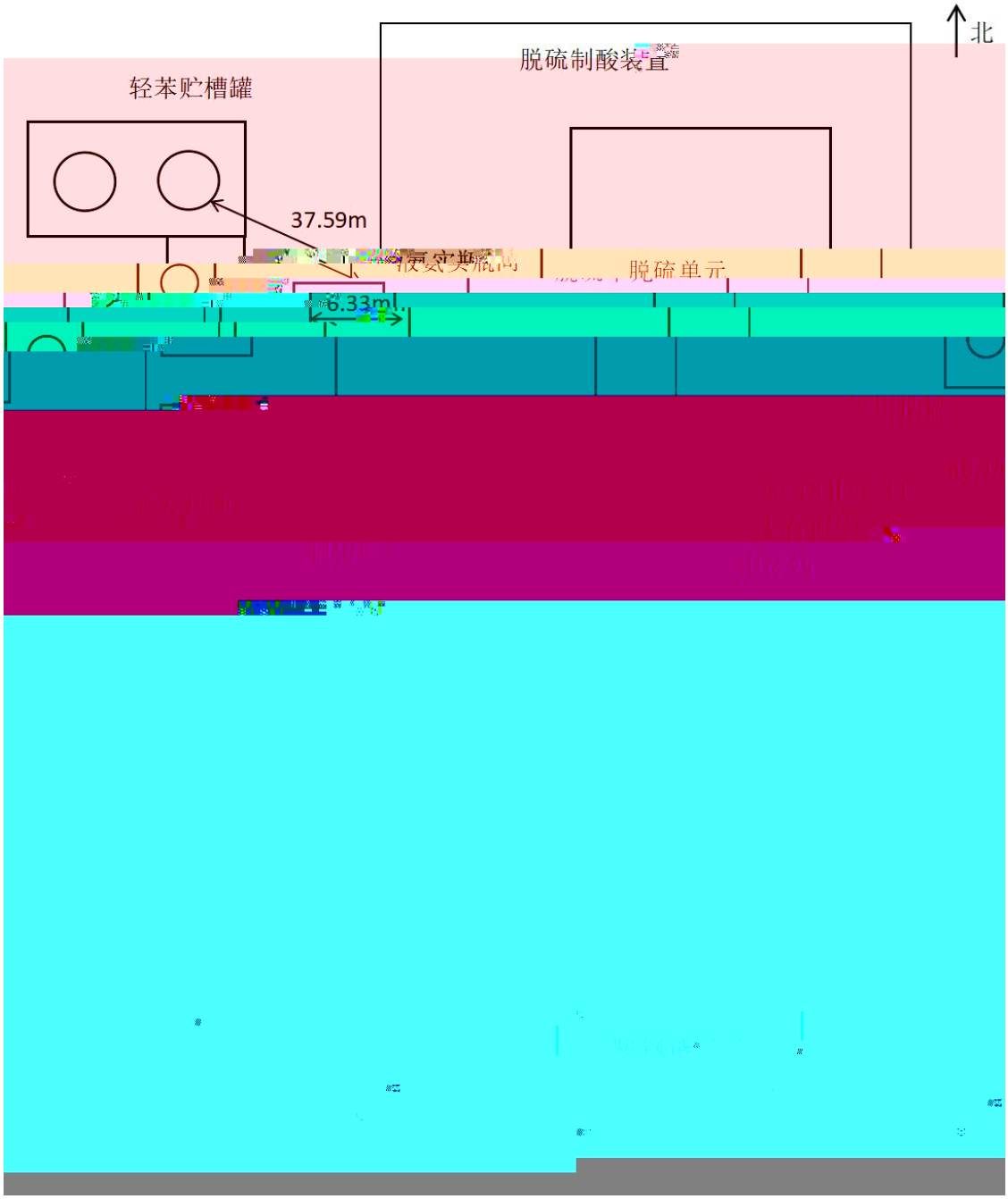
m	m
100	3729
100	576
100	676
100	2830

900m³

2.4-1 2.4-1



				m	m	
			2018 5.2.1	-	6.33	
			2018 4.2.12	50	50.29	

				m	m	
			2018 4.2.12	22.5	48.14	
		900m³	2018 4.2.12	20	37.59	

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DCS

DCS

HAZOP SIL

SILA DCS

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8 2.02L/s 3

13.2L/s

7.2 1.03L/s 2

13.2L/s

MFZ/ABC8 2

2.6-1

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	( )					kg
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D.0.2

531m 162m

D.0.3

GB 36894-2018

D.0.4

26.7m

32.28m 20.93m

18.57m

87%

42%

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FT-201 8Nm3/h

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3 A AT-3201 B AT-3202

25PPm XV-103

AT-3203 25ppm

XV-201

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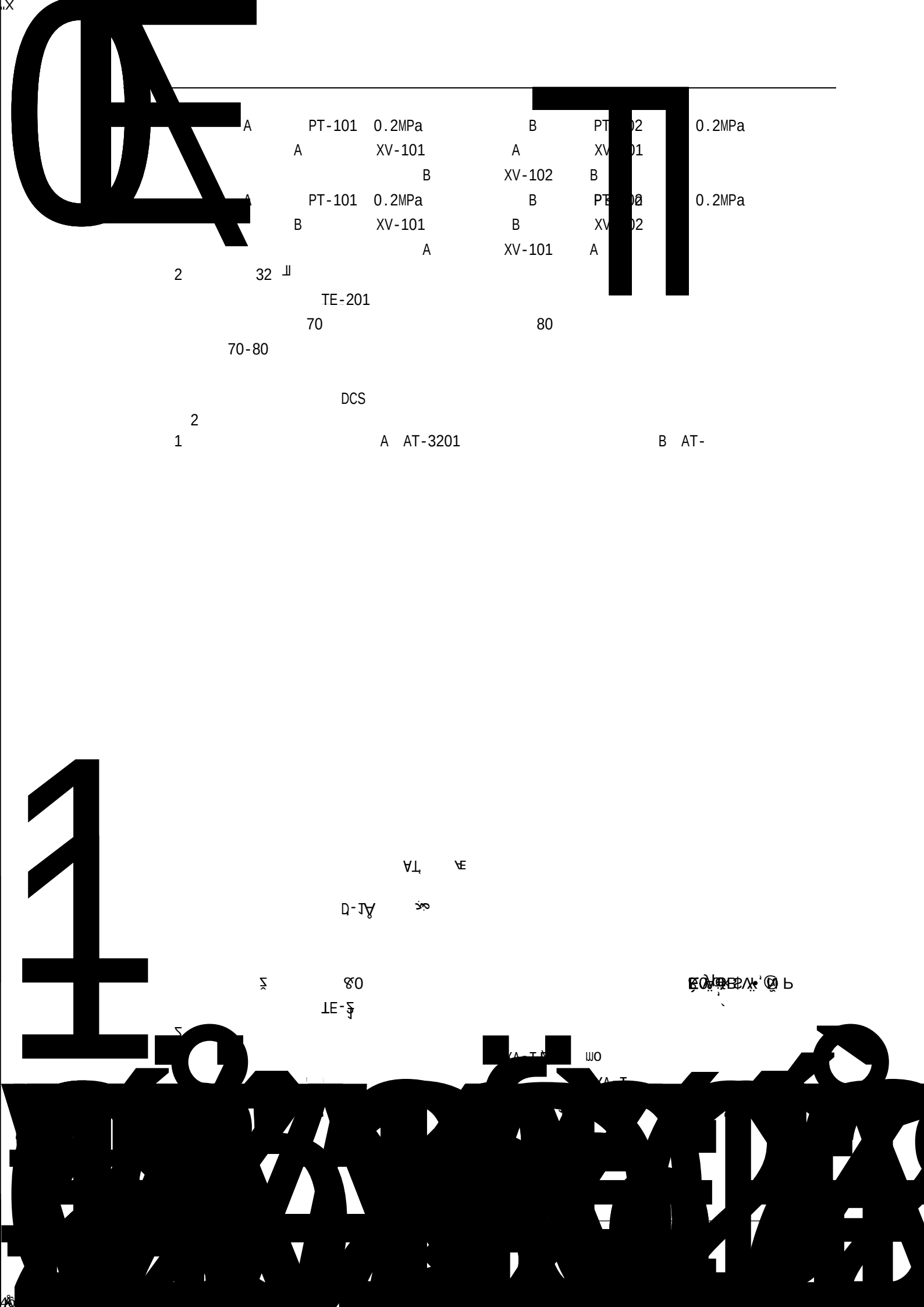
1.2	**2.** 1 DCS 1 A XV-101 B XV-102 A PT-101 0.2MPa B PT-102 0.2MPa XV-101 XV-102 A XV-101 B XV-102 A


A PT-101 0.2MPa
A XV-101
B XV-102
B PT-102 0.2MPa
A XV-101
A PT-101 0.2MPa
B XV-101
B PT-102 0.2MPa
A XV-101
2 32
TE-201
70
80
70-80
DCS
2
1
A AT-3201
B AT-

1 FV-201
FT-201
FT-201 8Nm3/h
2
3
4 TICSA43524,
5 PSV-101

	C30 200mm 150mm	
3.1	**1.** TSG 21-2016 GB/T150 GB/T151 NB/T47041 NB/T47042 2008 GB50316-2000 TSG D0001-2017 GB/T20801-2020 2008 GB 50316-2000 SH/T3059-2012 — TSGD0001-2017 GB/T20801-2020 GB50517-2010 2023	
3.2	**2.** 1 Q235B 80 Q235B S31603 50 0.1MPa S31603 50 0.09MPa S31603 S30408 80 S30408 2 GB/T8163-2018 GB/T14976-2012 طی 3	

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2 SH3011-2011

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SH3501-2021

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DCS GDS

UPS UPS 6KVA 30min

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10mg/m³ 0.6MPa G

8Nm³/h 0

0

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DCS

DCS SIS

DCS

DCS

DCS DCS

1

DCS

DCS DCS

2 SIS

5.2 HAZOP SIL SILA

SIS DCS

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1 TIAS-201

2 TIAS-202

3 TIA-203 8 “

C S

13 AIAS-3203

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Exd BT4 IP55

IP65

IP65 Exd BT4

4 20mADC HË

	12 /h	
7.1	**1.** 1 2 (GB50453-2008) 2024 GB/T50011-2010 7 0.10g	
7.2	**2.** 1 1 ( ) 2 3 2 GBZ158-2003 “ ” 30cm GB7231-2003 GB2893-2008 (SH/T 3043-2014) 3 4 GB30077-2023	

7.1	**1.** 1 (GB/T29639-2020) 2016 88 2019 2 1 2 3 4 5 6 7 8 9 2 3 SAJ125-100-250B 2 1 216m³/h 60m 1 4000m³ 3 GB30077-2023	
7.2	**2.** GB/T50483-2019	

V= V1+V2-V3 max+V4+V5

V—— m3

V1 9m³

V2 15m³

V3 0m³

V4 0m³

V5 1m³ 625mm

60

25m³ 5000m³

50m 2 Q=90m³/h

H=60m

1.8

120m³/h

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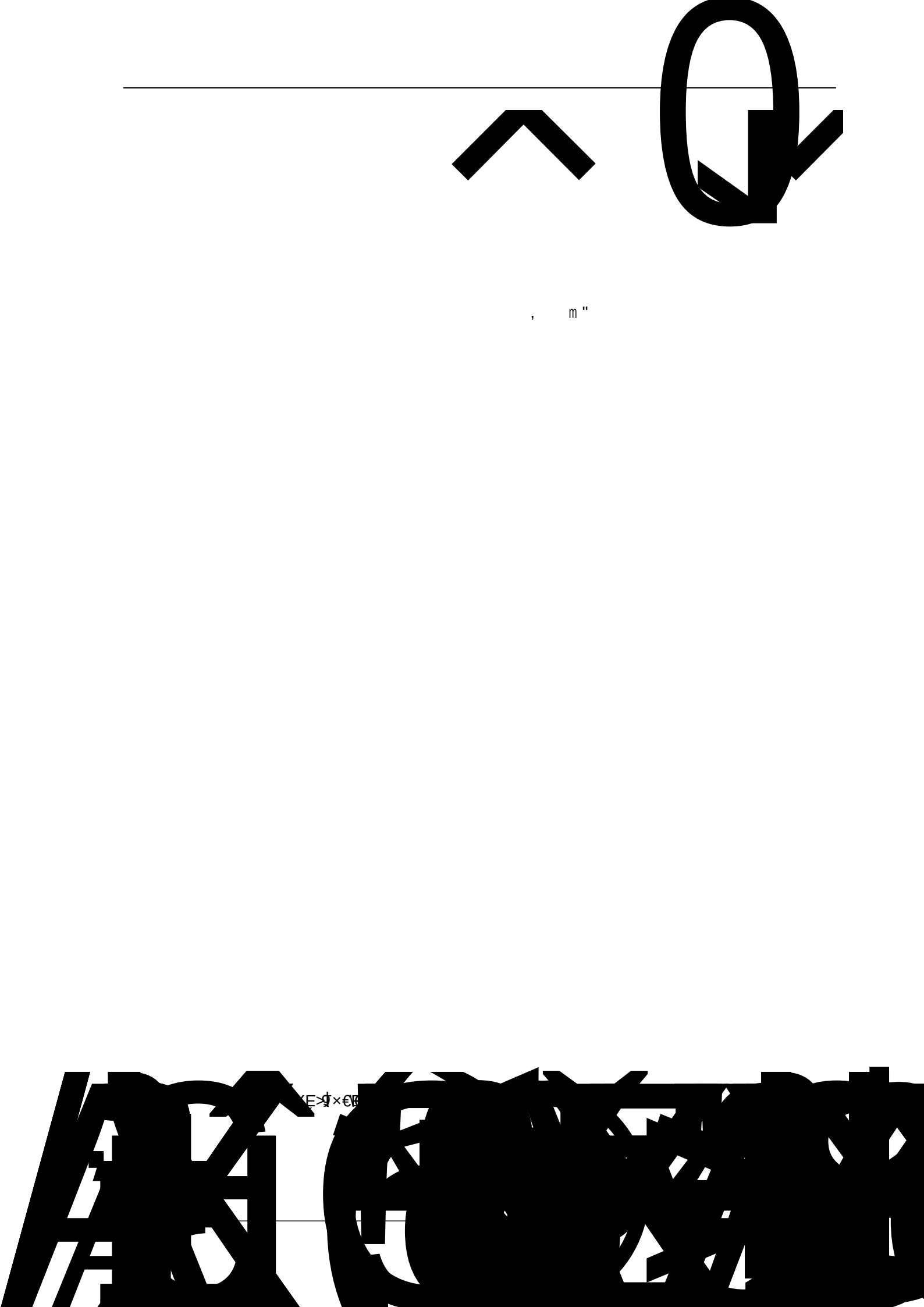

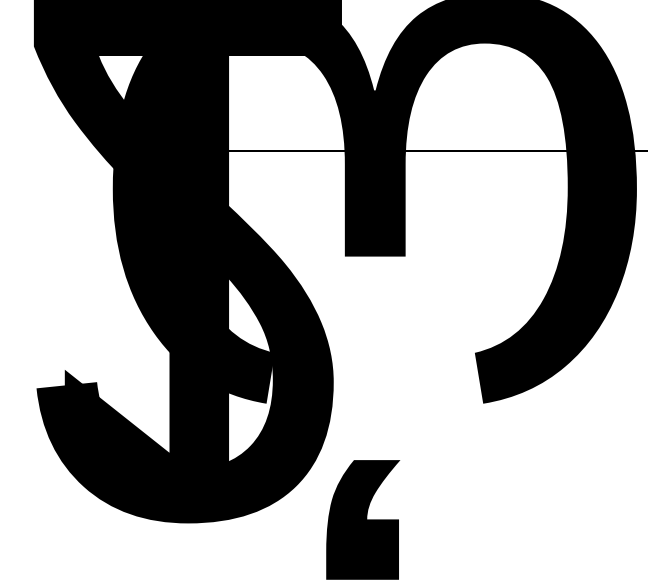

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	$>R\geq$
	$>R\geq$
	$R<$

		Q	q	q/Q	S
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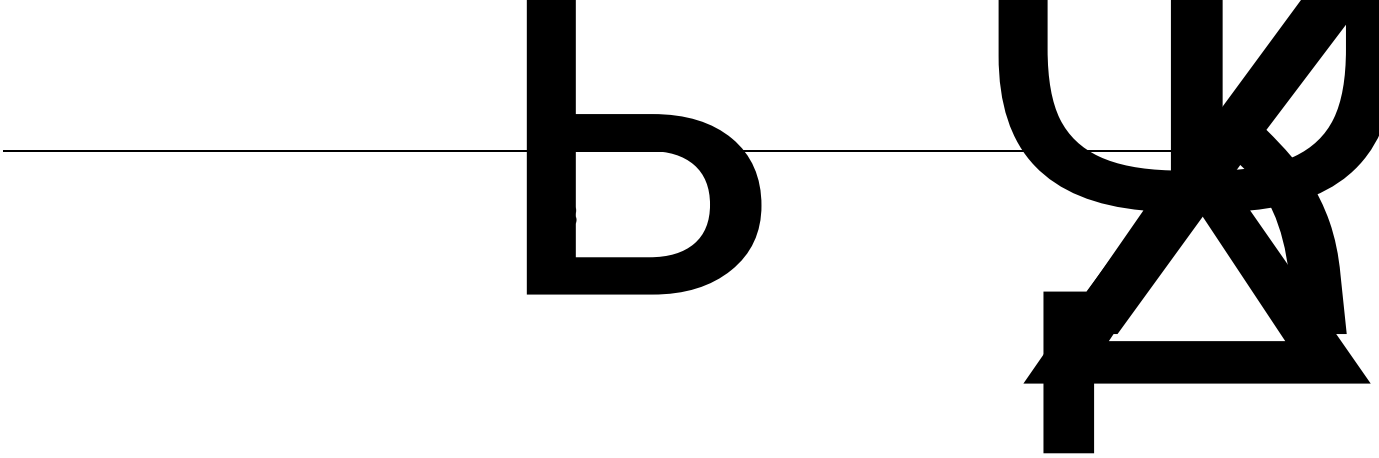

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3		2018 5.2.8		

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2m

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2m 20m

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21 100mm 3 100mm

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7.1.4.2

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DCS

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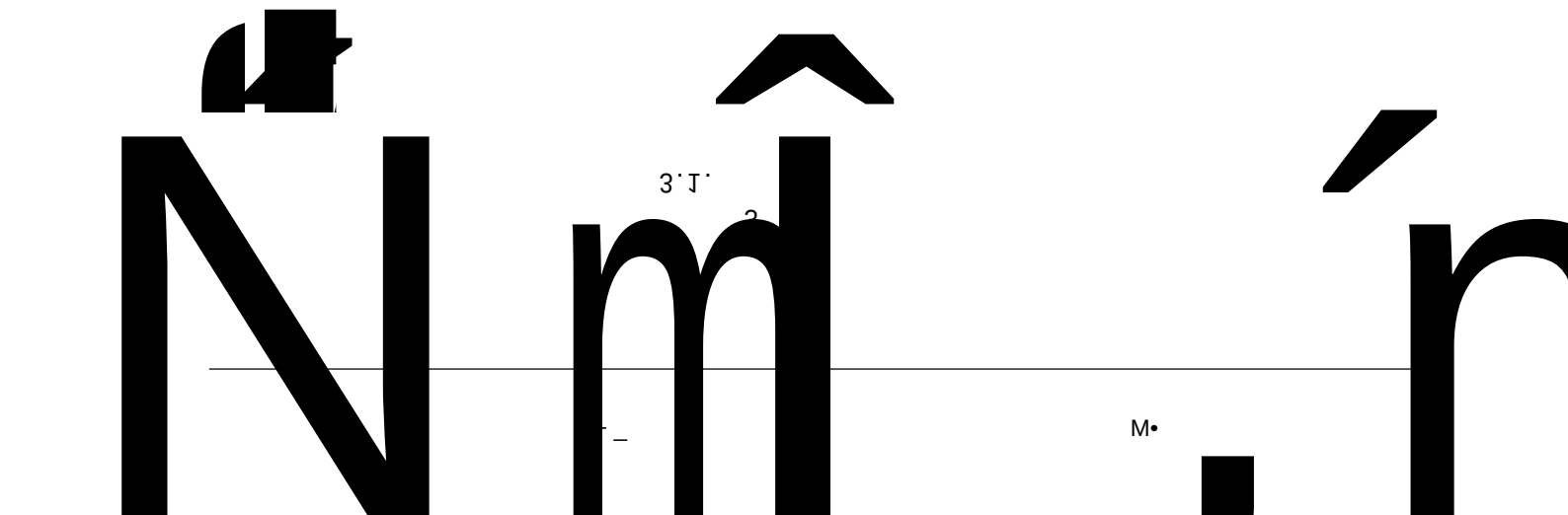

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6.1.2 2.0m

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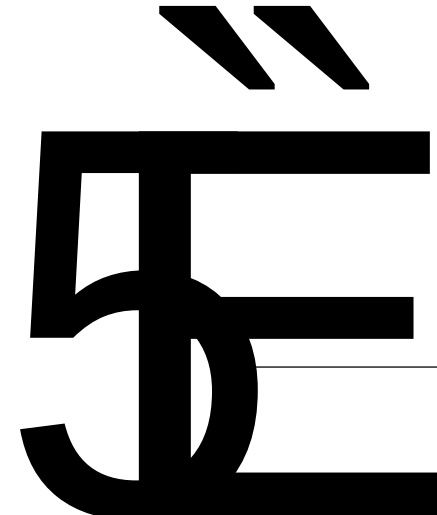

48 12 /h 6.4.3 12 /h

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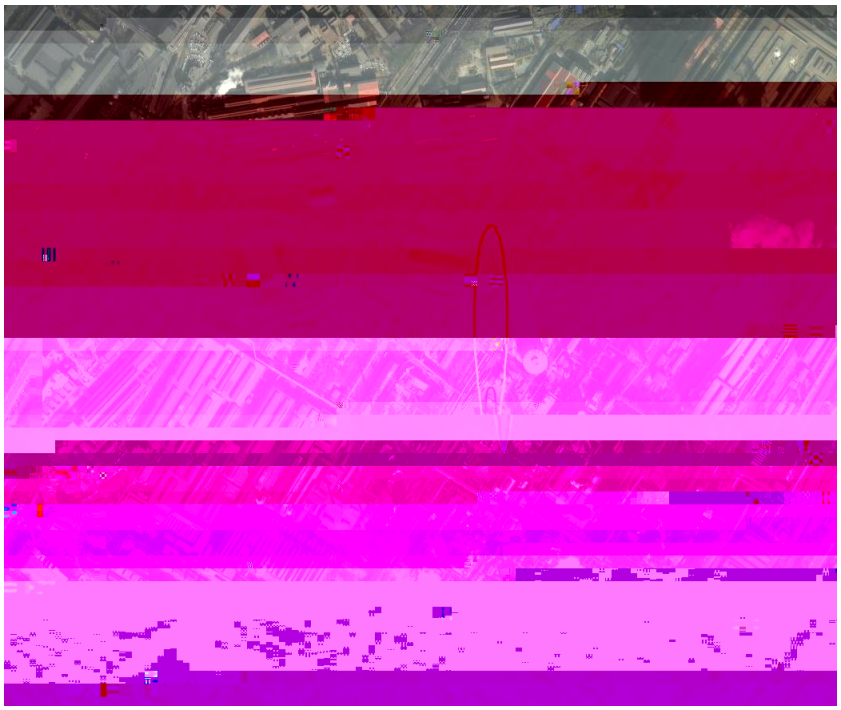

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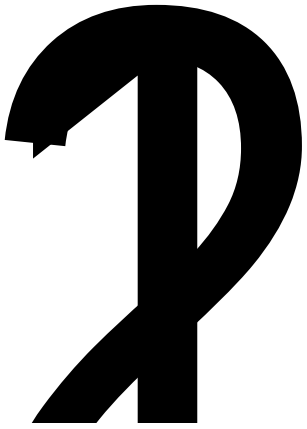

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ALARP As Low As Reasonable Practice

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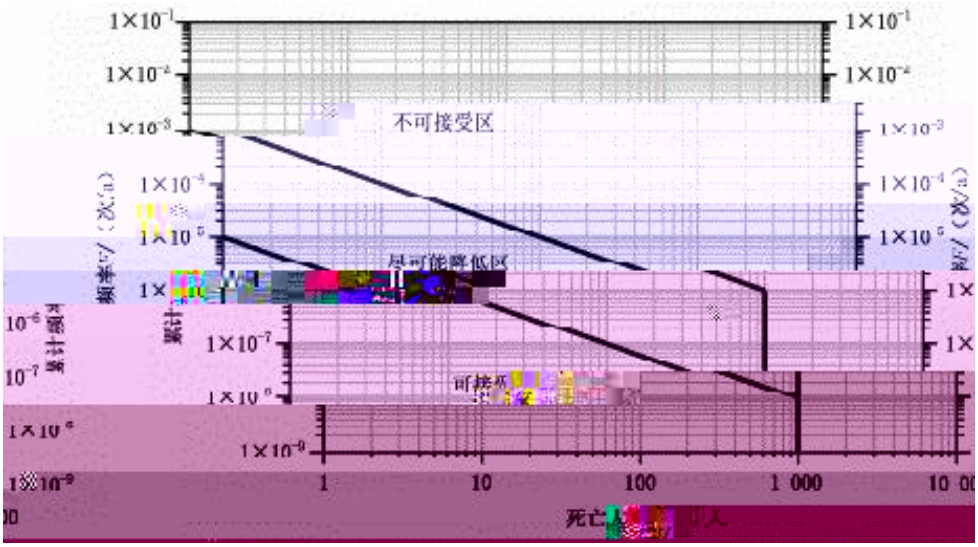

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GB 36894-2018

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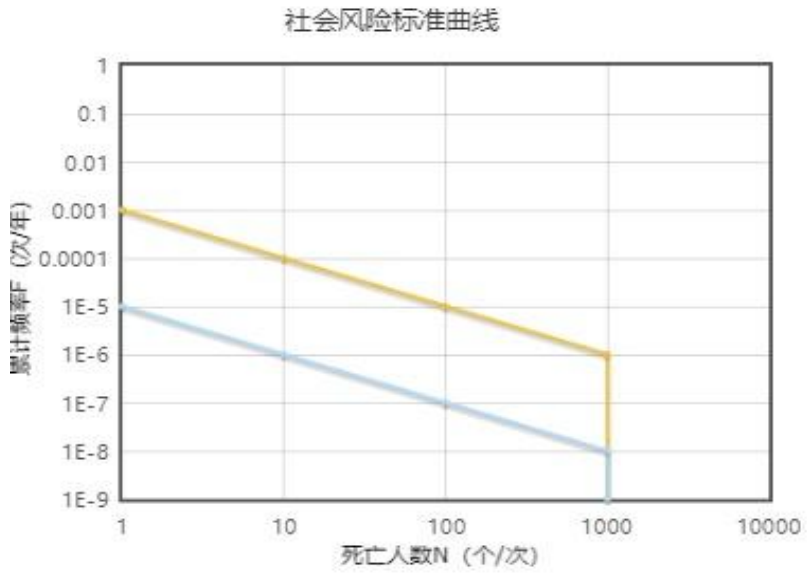

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				m
				26.70
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				4.71
				3.14
				2.86

26.7m 32.28m

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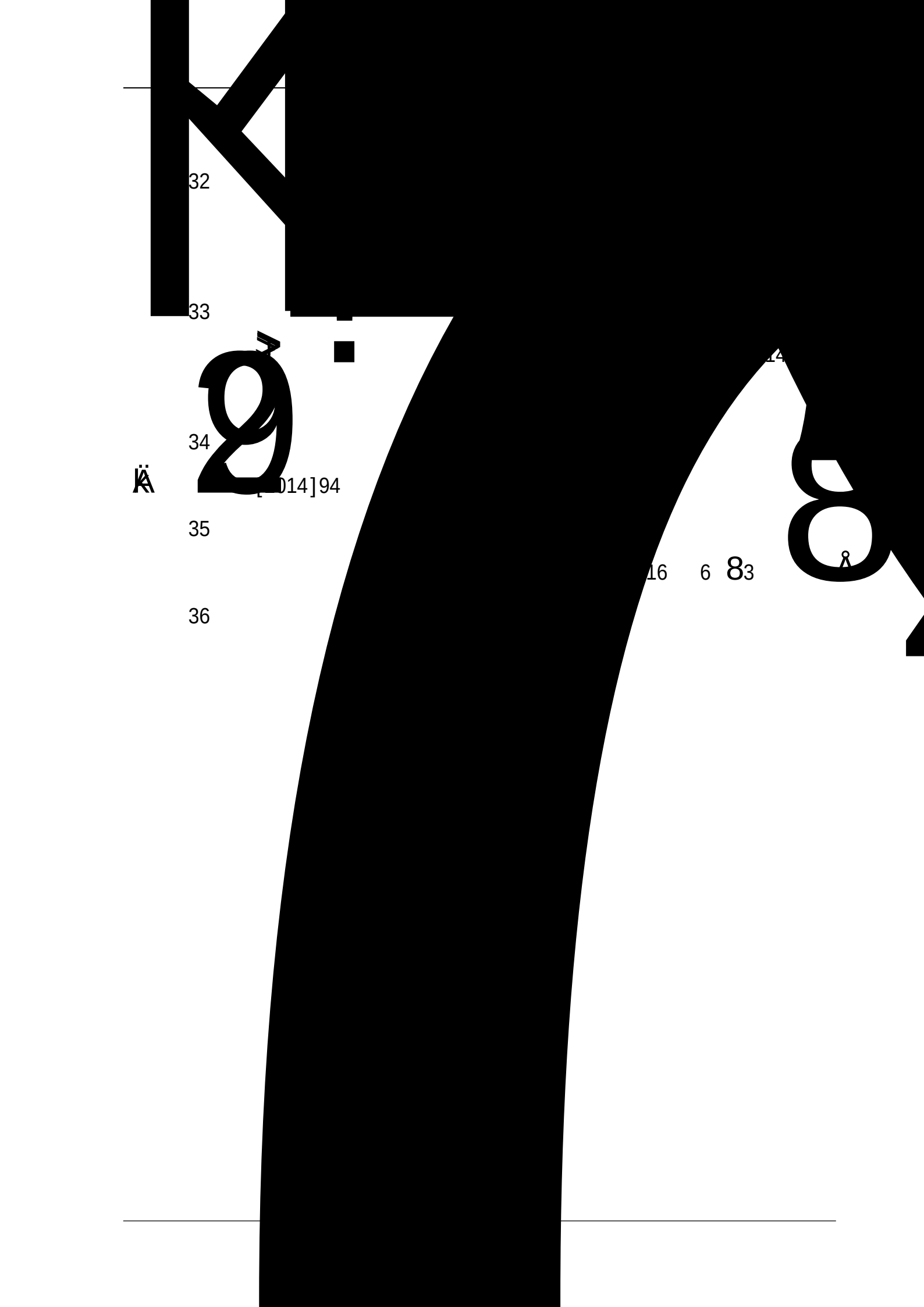

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12 GB17916-2013

13 GB/T50493-2019

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20 HG/T20581-2020

21 GBZ158-2003

22 GB18218-2018

23 GB/T12801-2008

24 GB5083-2023

25 IP GB/T4208-2017

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37 GBZ1-2010

38 GBZ 158-2003

39 GBZ/T230-2010

40 GB/T50770-2013

41 HG/T20509-2014

42 SH/T3164-2021

43 HG/T20514-2014

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45 HG/T20512-2014

46 HG/T20513-2014

47 SH/T3019-2016

48 SH/T3081-2019

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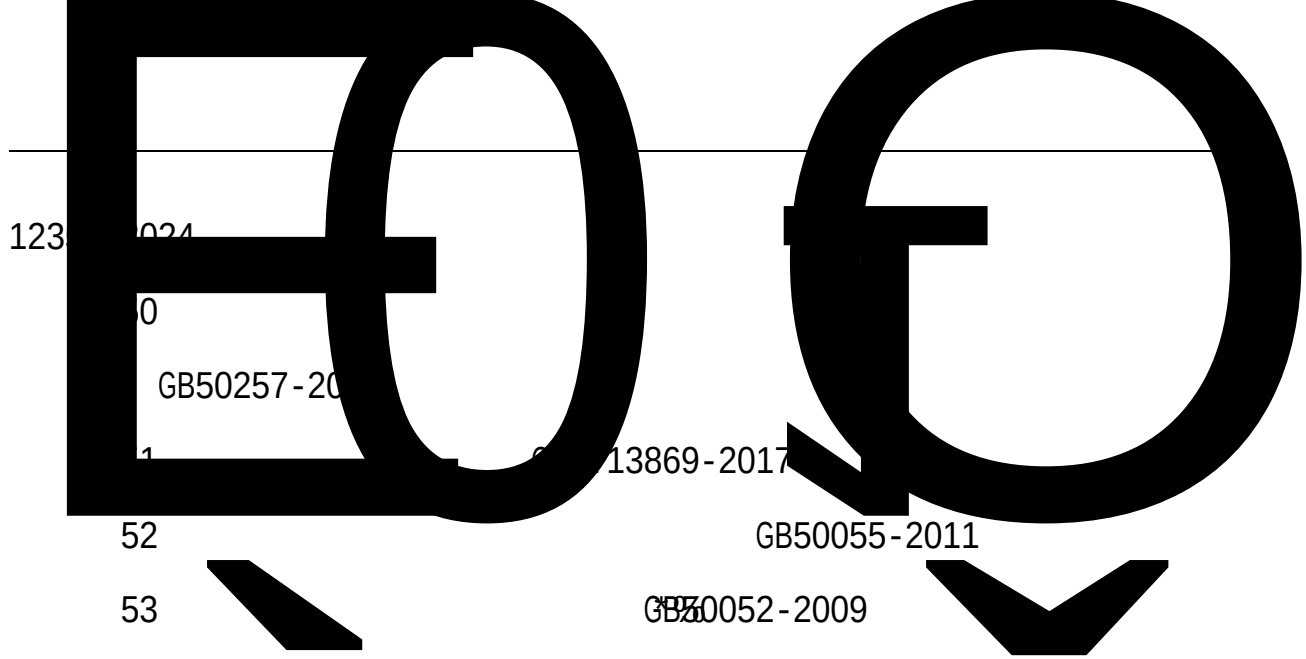

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57 GB50395-2007

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59 GB50582-2010

60 GB50013-2018

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62 GB55036-2022

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94	AQ/T3034-2022
95	YJ/T 3052-2015
96	YJ/T9007-2019
97	YJ/T9009-2015
98	AQ6111-2023
99	AQ/T3033-2022
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