



**EMDCSS-CON**  
(EMDCSS-CON)

(EMDCSS-CON)

0.005%

10%

EMDCSS-CON

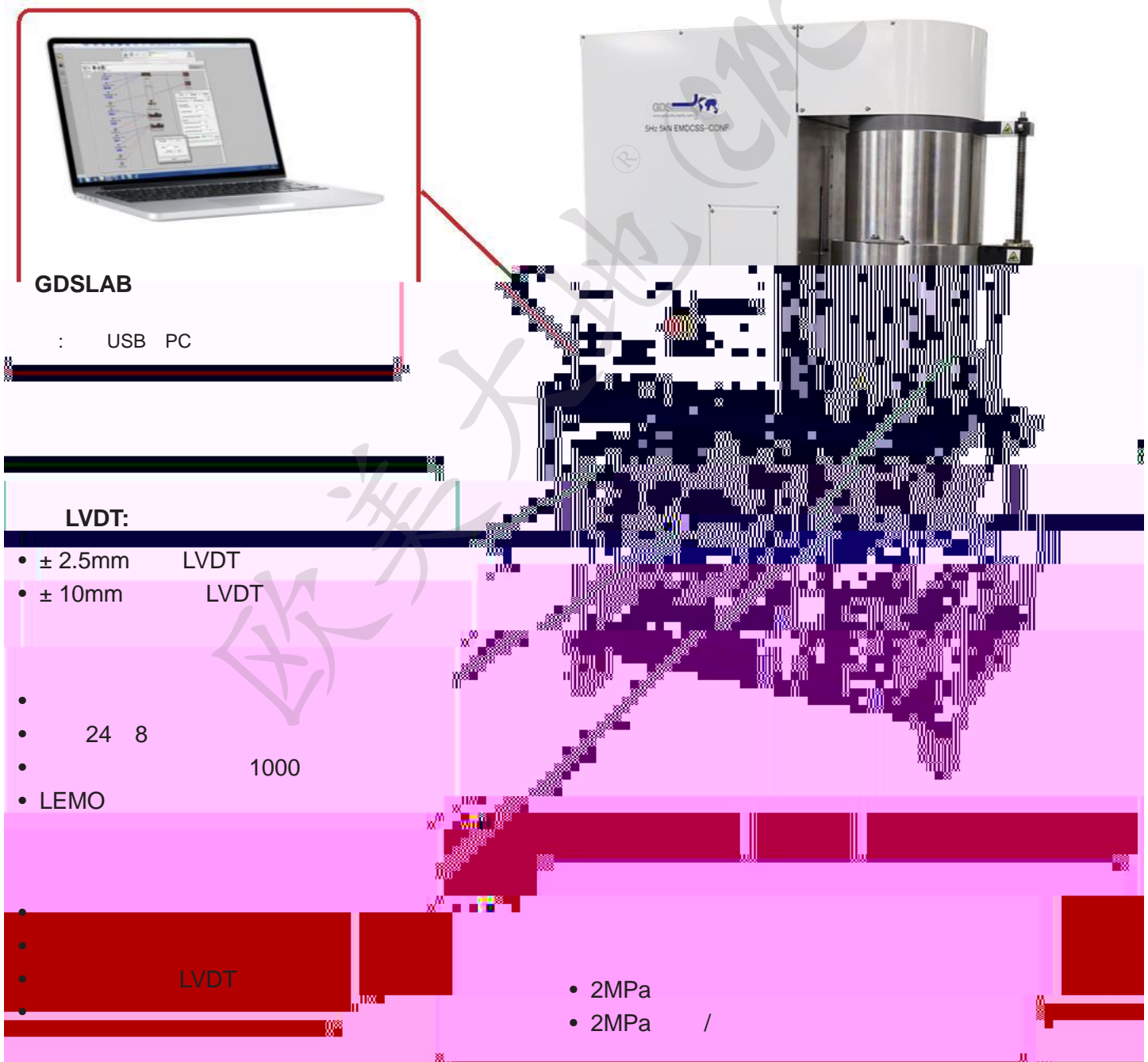
|  |             |                            |
|--|-------------|----------------------------|
|  | EMDCSS-CON  | B                          |
|  | ASTM D-6528 |                            |
|  | (kN)        |                            |
|  | 5Hz         | / 1mm                      |
|  | 200mm       |                            |
|  | EMDCSS-CON  | EMDCSS                     |
|  | EMDCSS-CON  | EMDCSS                     |
|  | ADVDCS      | 2018<br>0.000015mm(0.015 ) |

|                                      |  |   |
|--------------------------------------|--|---|
|                                      | : 1390mm x 480mm x 870mm                                       | : 800mm x 480mm x 870mm                   |
|                                      | = ± 25mm,  | = ± 15mm: = <0.1% FSO ( ± 50mm<br>± 2.5mm |
|                                      | 24 (i.e. ± 20mm = <0.6µm, ± 15mm = ± <0.5µm, ± 2.5mm = <0.1µm) |   |
| <b>(kN):</b>                         | 5, 10 ( )  |   |
| <b>(MPa):</b>                        | 2  |   |
| <b>(Hz):</b>                         | 0 ( ) 5  |   |
|                                      | 240V 110V 50/60Hz 1 ph   |   |
| <b>(mm):</b>                         | 50, 63.5, 66, 70, 100.   |   |
| <b>Weight: Standalone / Desktop:</b> | 300kg ( / ) / 245kg ( )  |   |

|  |      |
|--|------|
|  | 66mm |
|--|------|



- 0 ~ 5Hz
- 5kN
- +20mm
- +40mm
- 240V or 110V / 50/60Hz /



**GDSLAB**

- USB PC

**LVDT:**

- ± 2.5mm LVDT
- ± 10mm LVDT
- 24 8
- 1000
- LEMO
- LVDT
- 2MPa
- 2MPa /



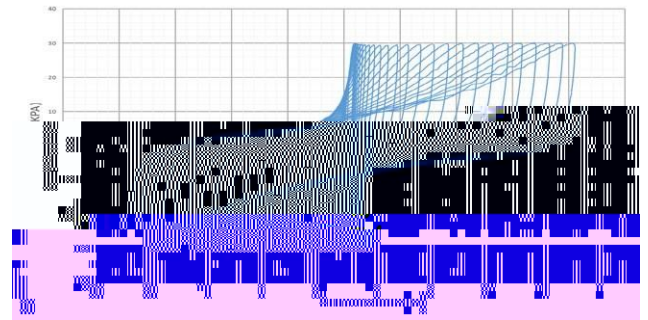
ASTM D-6528

NORSOK

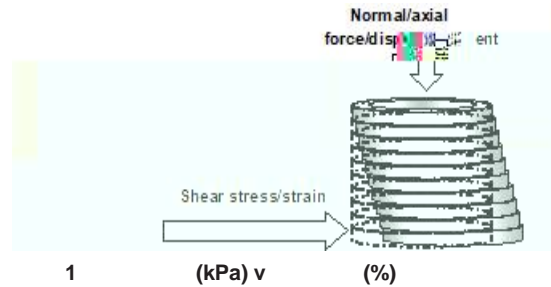
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EMDCSS-CON



EMDCSS-CON



( 1).

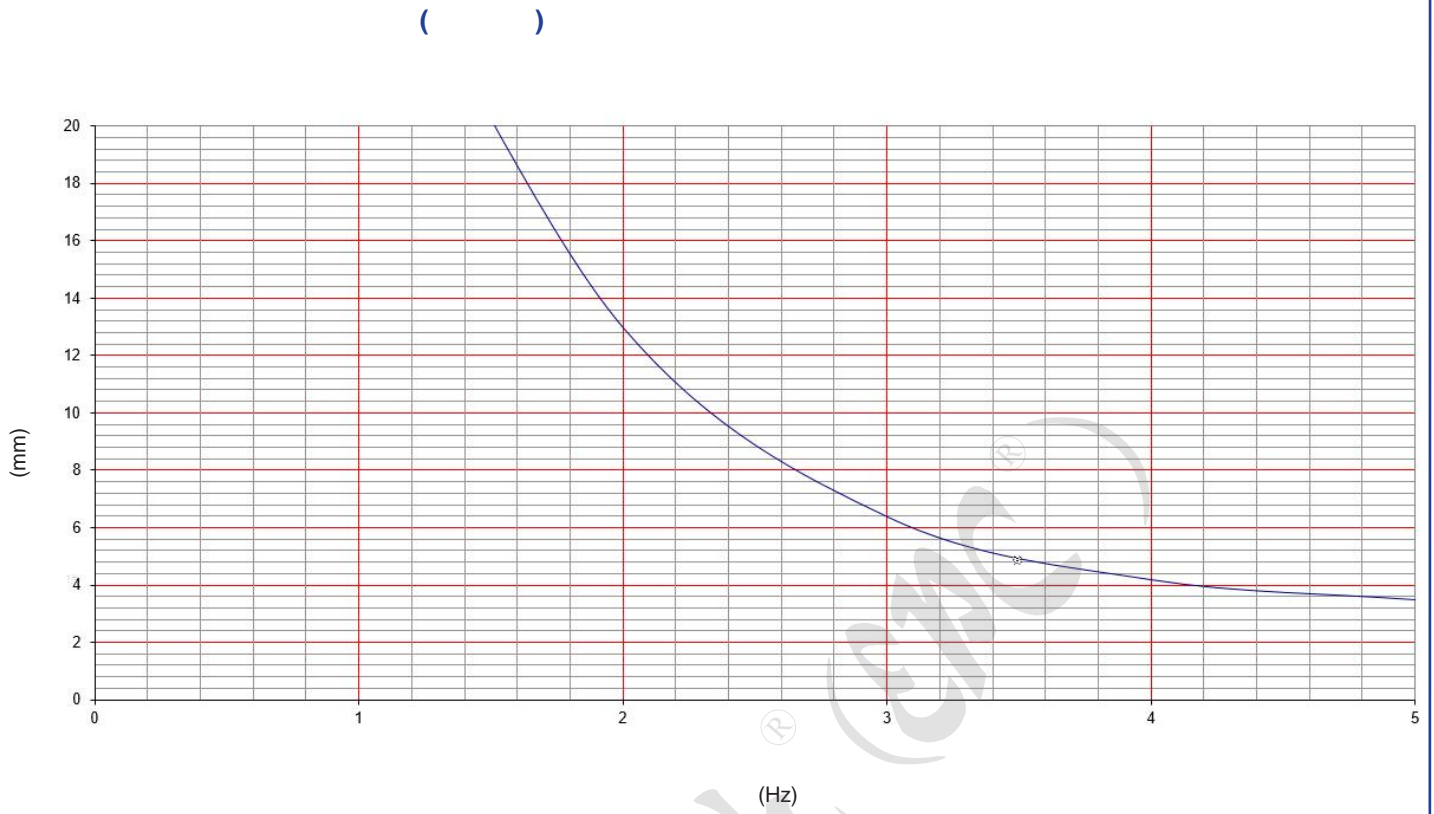
GDS EMDCSS-CON

EMDCSS-CON

EMDCSS-CON

GDS



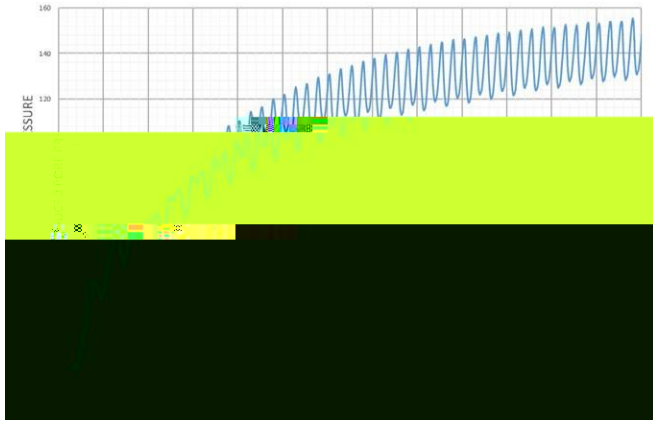


| (Hz) | 0 kN |      |
|------|------|------|
|      | (mm) | (mm) |
| 0.1  | 15   | 30   |
| 0.2  | 15   | 30   |
| 0.5  | 15   | 30   |
| 1    | 14   | 28   |
| 2    | 6.5  | 13   |
| 3    | 3.2  | 6.4  |
| 4    | 2.1  | 4.2  |
| 5    | 1.75 | 3.5  |



6)

10



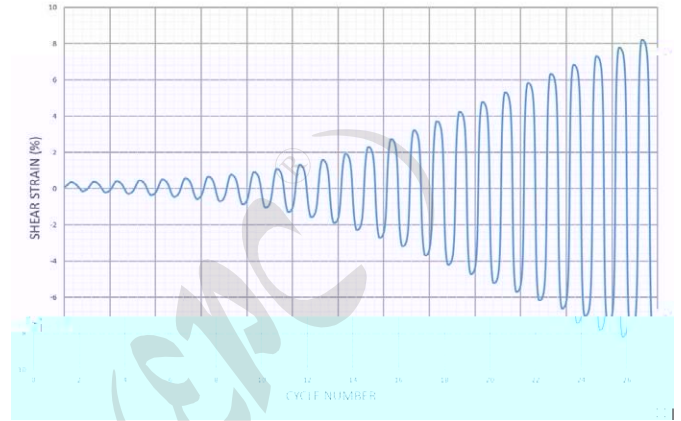
4

1Hz

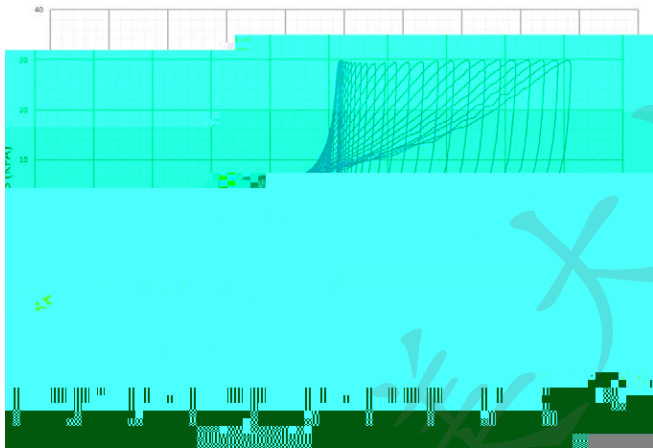
4

7

( 5

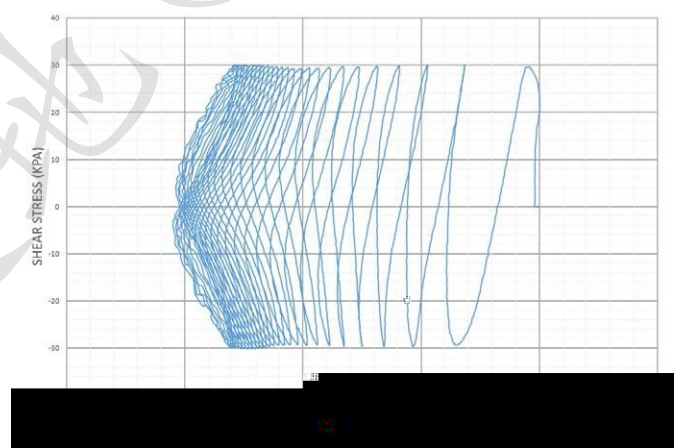


5



6

vs



7

vs

GDS

GDS

EMDCSS

20mm

400m/s  
0.0005ms

(20mm)

0.00005s

0.05ms  
100

GDS

**LVDT**

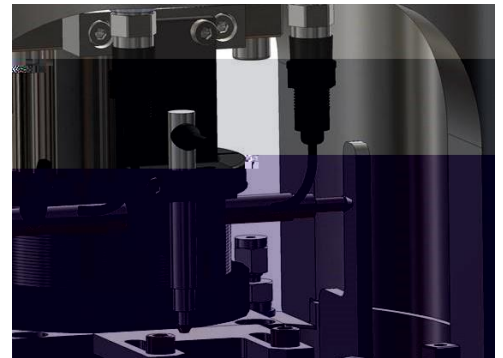
EMDCSS-CON

LVDT

(DCS) LVDT

LVDT

EMDCSS-CON



**GDSLAB**

GDSLAB

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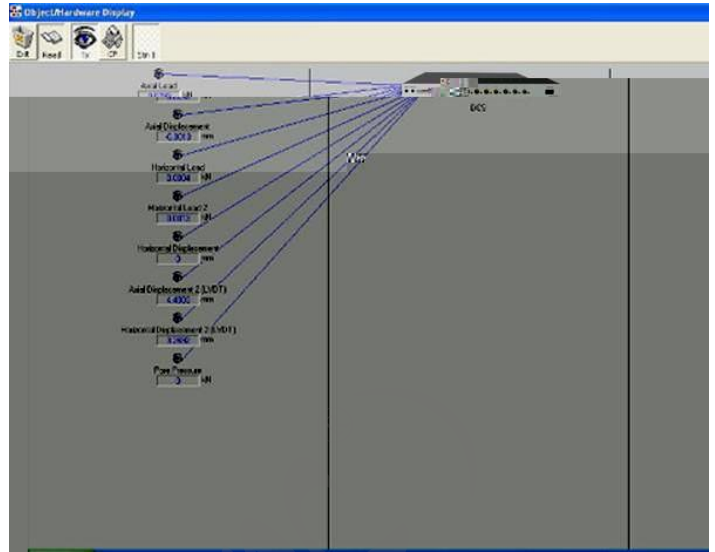
GDSLAB

(\* .ini)

PC

GDSLAB 'object display'

( 10)



10 ADVDCS V2 EMDCSS-CON

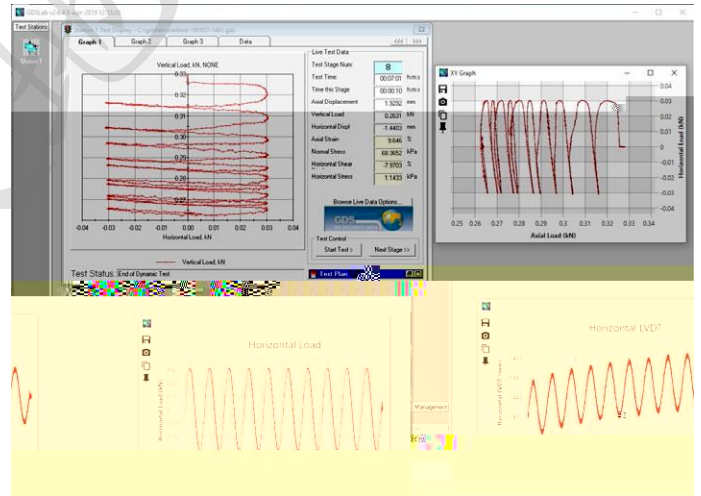
**GDSLAB**

- 
- 
- N
- 
- 
- 
- 
- 

1000

1000

ASCII



11 GDS ADVDCS V2









# GDS?

GDS

50

86%



GDS

2



40 YEARS OF  
BRITISH  
INNOVATION

