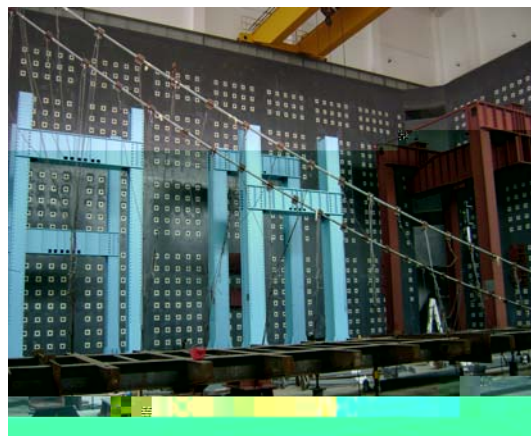
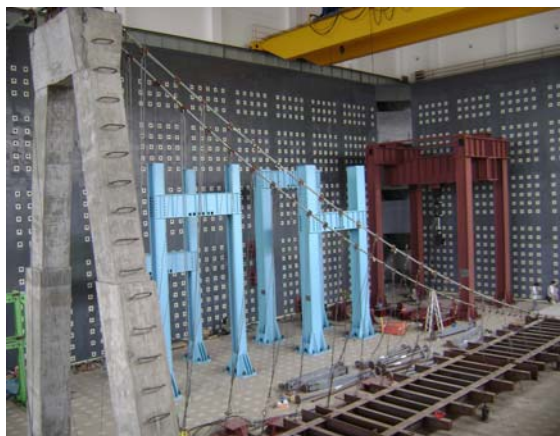
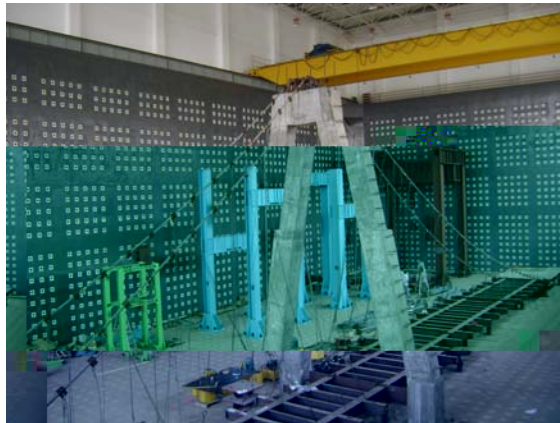




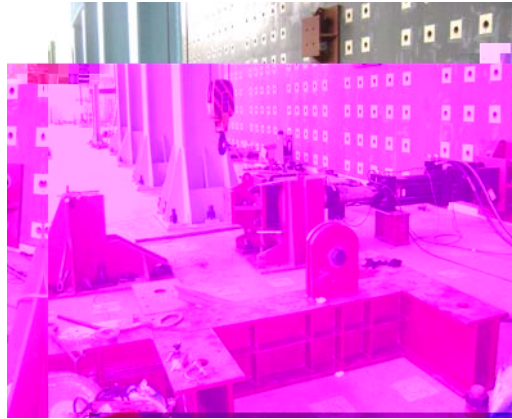
27X78m<sup>2</sup>      18m      420m<sup>2</sup>,  
 14m      36m,      24x36m<sup>2</sup>      L  
 14.6m







03



04



05



06

**MTS**

2

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14

36

L

14.6

5000KN

2000KN 1000KN

10000KN

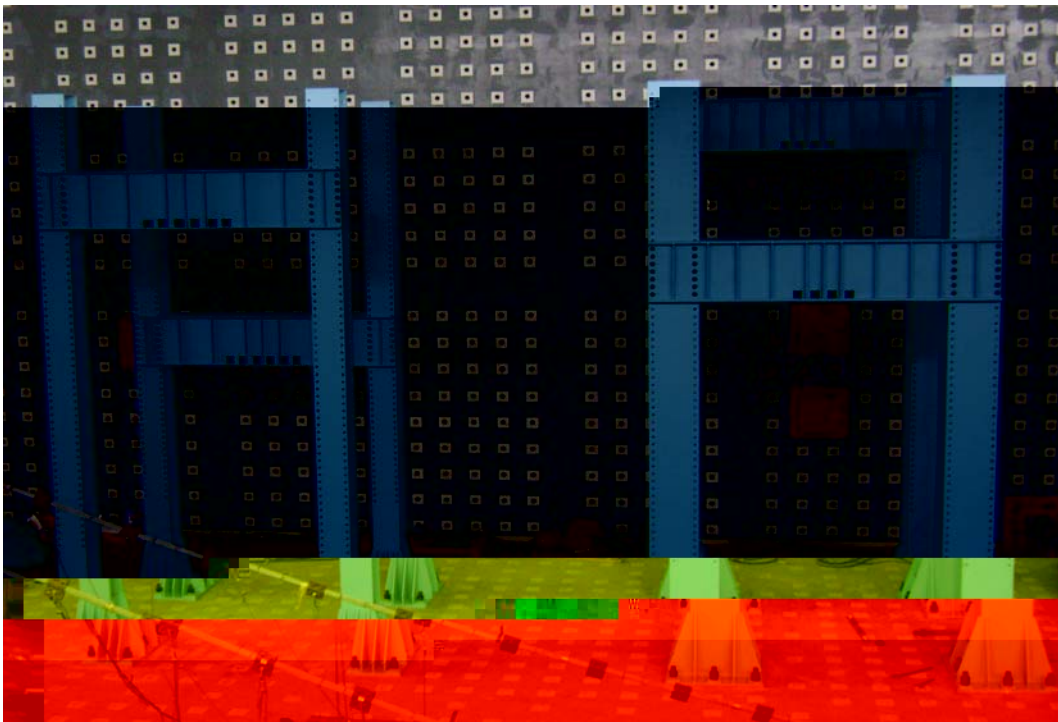
MTS

6300KN

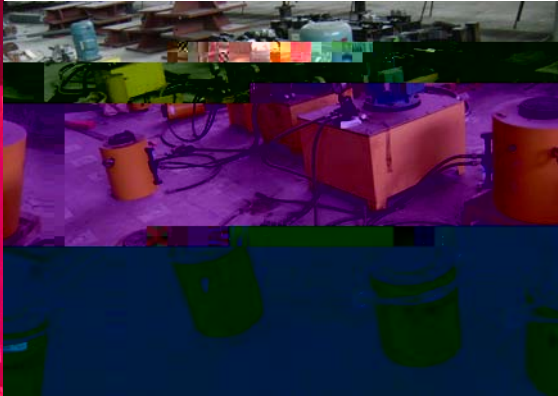
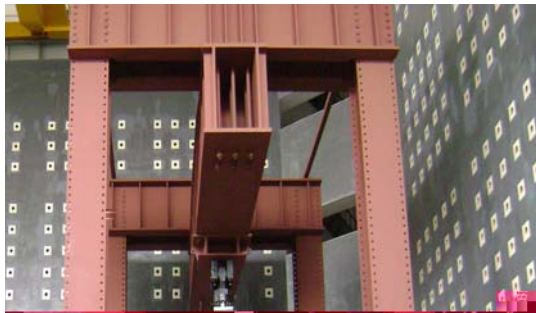
TML



01 10000kN

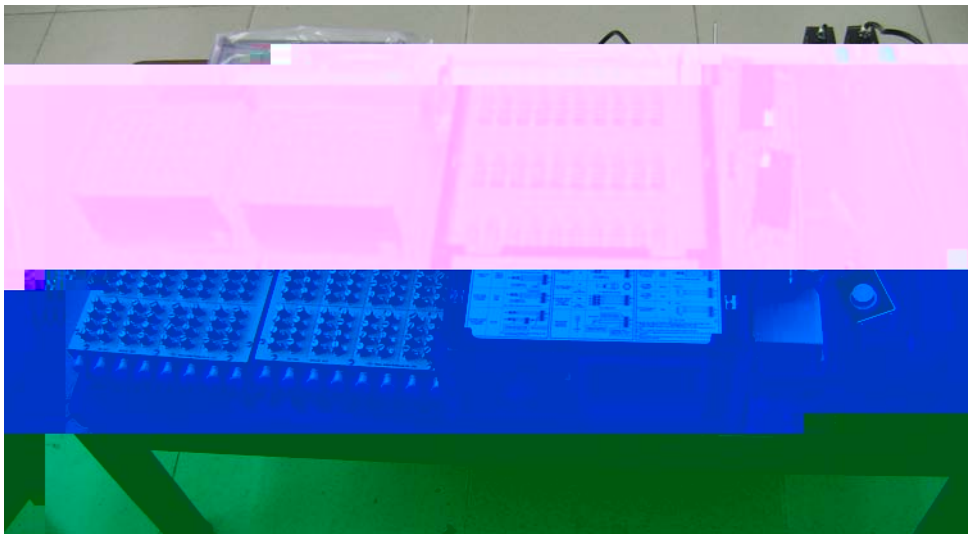


02 1000kN/2000kN



03 5000kN

04



06

3

500KN

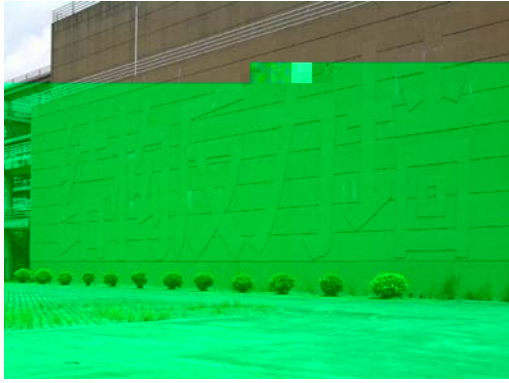
MTS

TM



4

3× 2× 1.5m



01



02

5

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ANSYS10.0 Abaqus6.7

FEAP Opensees

CFX



1

1

2

Construction and Building Materials

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(1) , FRP ,  
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2009 1 ~2010 12

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