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REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

CAPRICORN SOUTH DISTRICT

**NATIONAL
SENIOR CERTIFICATE**

GRADE 11

GEOGRAPHY

**TEST 2
2023**

MARKS: 60

DURATION: 1HR30

This question paper consists of 18 pages

INSTRUCTIONS AND INFORMATION

- 1 Answer ALL questions**
- 2 ALL diagrams are included in the QUESTION PAPER**
- 3 Number the answers correctly according to the numbering system used in this question paper**
- 4 Write neatly and legibly**
- 5 Answer in FULL SENTENCES, except when you have to state, name, identify or list**
- 6 Use full sentences when answering paragraph-type questions**

This question paper consists of 6 pages

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web hydrostatic testing is universally known and accepted as a means of demonstrating the fitness of a pressurized component for service after a hydro test a tank can be expected to safely contain its intended operating pressure the hydro test shall be conducted before permanent external piping is connected to the tank

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web q does api publish procedures on hydrostatic testing a although api 650 and 653 have requirements on when a hydrostatic test must be performed they do not have detailed procedures on how a hydrostatic test is performed there is information available in api 650 appendix s section s 4 10 specific to stainless steel tanks api

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web in new tanks the api 650 standard doesn t necessarily asks for a settlement measurement to be done during hydrostatic tests if there is no settlement expected for example a tank over a giant rock it might not need settlement measurements but that s a decision that is entirely up to the owner

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web feb 4 2011 the following component welds shall be examined by the liquid penetrant method before the hydrostatic test

of the tank a the shell to bottom inside attachment weld b all welds of opening connections in tank shell that are not completely radiographed including nozzle and manhole neck welds and neck to flange welds