

ALTO MAIPO**OWNER'S INSTRUCTION**Section 2.29
PHAM-PLN12-INS-0003

Contract:



AM-CO610/620B



AM-CO630/620A

SI 6332 / N° 0115

Scope Segment Description:

Tunnel from VL5 to Hedding

Scope Segment ID: 6332.3.9

Location:

VL5 0+462, 1

Time for Compliance:

before next advance

Contractor shall immediately proceed with the Work described below, in accordance with the terms and conditions of the Contract. This instruction is limited to maximum of 1000 UF or USD \$ 50,000., and without impact on the lump sums or schedule (except for Equivalent Times in the BOQ).

Instruction:

Do a pre-grouting

1. Drill holes

2. Measure volumes - flow and pressure in holes with water

3. Do hydraulic measurements in all grout-holes
Measure 5 min when flow is stable.

Pressure 5 bar

4. Do a pre-grouting @ 30 bar over ground water

pressure grout type A.

Grouting stage

W55

Max Kg cement / hole

1

1,2

300

2

0,8

700

3

0,5

1000

Attached in appendix document "SAM-6340-TO-0001B"
Pregrouting in VL4 adapt this pre-grouting procedure
to the section of the section of VL5

Owner estimate of impact is: Per Units in BOQ ☐ ; or cost

; &/or Time

If Contractor believes that this instruction constitutes a Change, Contractor shall promptly provide Notice according to Section 11 of the Contract.

Contractor comments (if any):

Issued by

Carolina Saldaña

Sign:

Designation

Geologist

Date: 21-06-15

Time: 19:30

Received by Contractor

Enrique Quintanilla

Sign:

Designation:

Geologist

Date: 21/06/15

Time: 20:00