

SCOTTISH QUALIFICATIONS AUTHORITY
MARKERS REPORT FORM

SUBJECT: 060-03 Auxiliary Equipment Part I

DATE: 04/09/20

General Comments on Examination Paper

General Comments of Specific Examination Questions.

- Question 1.** Most only give one purpose of quick closing valves. None check that the valve is open before testing.
- Question 2.** All give reasons for pump performance deteriorating but many do not explain why the fault causes reduction in performance.
- Question 3.** Overall poor answers. Several have no understanding of the importance of bump clearance or the safety aspects of intercooling.
- Question 4.** All give some understanding of the safety requirements, most fail to mention anything about fire.
- Question 5.** Candidates lose marks by not mentioning alarms, emergency power supply and not actually inspecting the gear.
- Question 6.** Many simply state advantages – the question says ‘describe’. Many of the advantages claimed could be equally applied to CPP’s and D/E drives, both of which are now considered conventional.
- Question 7.** Many attempt to describe aligning two shafts together rather than checking the alignment of the shafting. Candidates describe measuring along the shaft rather than the height of the bearings.
- Question 8.** Candidates struggle with sequential starting, the reason for back up fuses and discrimination. Most state circuits for propulsion are the only essential circuits.
- Question 9.** Mostly well answered
- Question 10.** Marks lost by not explaining how speed is controlled, several just draw a swash plate pump and say that the swash angle can change with no explanation of what this does or how it is connected to the motor in circuit.