



Worksheet MT1 & Training Record Hydraulic maintenance Considerations

Hydraulic Maintenance

Email:

Course:

Provider:

Expected Outcomes: (90-180mins)

Appreciate that hydraulic equipment is designed to meet different duties.

Understand which design features are employed to extend equipment service life.

Learn about some typical reliability issues with hydraulic equipment and how to monitor and maintain them.

Previous Knowledge Required:

No previous hydraulic knowledge is required.

Certificate of Achievement:



Click the email button (shown left, that will appear within each app) to post your results, once the training module has been completed. Enter your email or the email for your external training provider. e4training.com will also receive a copy of the results to include in the certificate assessment process.

Interactive tutorial

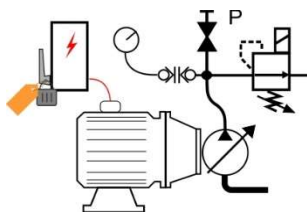


Complete the 'Hydraulic maintenance considerations' at www.e4training.com/hydraulic_courses/microtutor1.php?wtmaintain (or via the phone app or CD/download) Complete quick quiz at end and post results.

Date, score & time:

Tick when posted

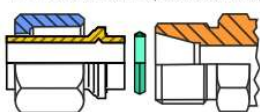
Coursework investigations



Study the detailed information and instructional videos at www.e4training.com/hyd_maint/ Learn the 'Design Features for Maintenance' module. Review the 'Power Unit Maintenance Examples' module. Learn about 'Planned and Preventative Maintenance Procedures'.

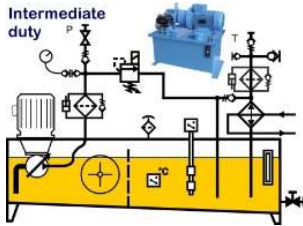
Complete

Formed Tube (Elastomer seal)



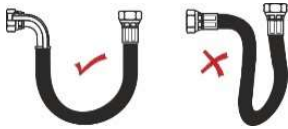
Visit the detailed information and instructional videos section at www.e4training.com/hyd_ancillary/pipe_fitting1.php Study the 'Hydraulic Pipework and Fittings' module.

Complete



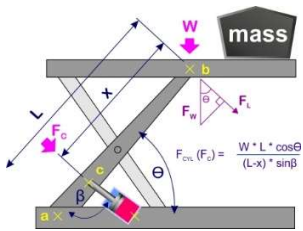
Discuss the expected service life of different power unit designs. Explain when it might be appropriate to use a simple, mini-power unit and also when the intermediate power unit is most appropriate. Discuss reasons why the mini-power unit might overheat or suffer from too much contamination and what effect this may have on service life.

Complete



Discuss the reasons why different systems use different fitting types. Suggest which fittings you would use on your scissor lift design, or example project, and explain why.

Complete

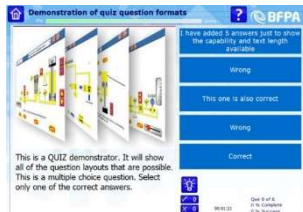


Submit a maintenance plan for the scissor lift, or alternative equipment, showing which components you will monitor, including how and why you will maintain them.

Number of sheets submitted

Complete

Interactive quiz



Complete the 'Operation and Maintenance' questions at www.e4training.com/hydraulic_test2.php?Quiz - Intermediate Hydraulics (or via the phone app or CD/download)

Quiz name, date, score

Tick when posted

And Finally:

Complete this worksheet and keep for your records. Submit the written coursework to e4training.com or your training course provider. Application result postings will be collated automatically by the course provider; e4training.com will also receive a copy of the results to include in the certificate assessment process.

Related Worksheets:

Visit www.e4training.com/hydraulic_courses/worksheets1.php to find the next worksheets related to your course.