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HLL1 16mm Lifeline Inspection Manual

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1 ABSTRACT

This inspection manual is a guide for competent individuals to conduct inspections on HLL1 Temporary Horizontal Lifeline Systems (HLL). Certain items such as the lifeline must not be serviced in any way by anyone other than Checkmate, other than a visual inspection. Spare parts can be ordered from Checkmate. If any parts of the manual are unclear, clarification must be obtained from Checkmate before proceeding.

2 VISUAL INSPECTION

2.1 HEAT DAMAGE

Inspect the entire lifeline for signs of heat damage (See image below for clarity).



**Acceptable, service may continue.
If the damage is any greater than the
example given the lifeline must be
removed from service.**

2.2 LOOSE STRANDS

Inspect the entire length of the lifeline for signs of loose strands such as the examples shown below.



**Acceptable amount of damage,
service may continue.**



**Unacceptable amount of damage,
remove from service immediately.**

2.3 SEVERED STRANDS

Inspect the entire length of the lifeline for signs of severed strands such as the one shown below. If the lifeline looks as below remove from service immediately.



**Unacceptable amount of
damage, remove from
service immediately.**

2.4 ABRASION

Inspect the entire length of the lifeline for signs of abrasion such as the examples shown below.



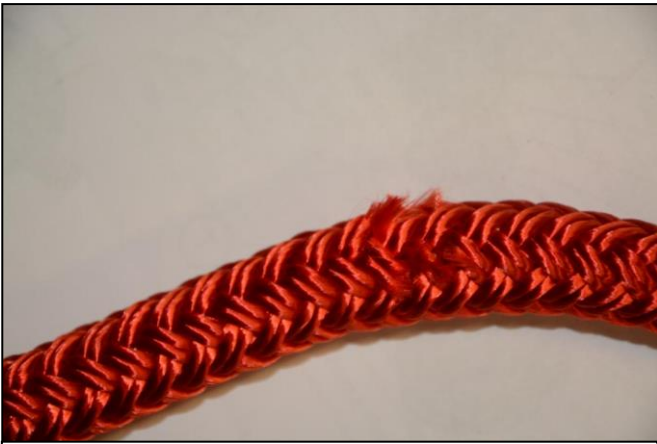
**Acceptable amount of damage,
service may continue.**



**Unacceptable amount of damage,
remove from service immediately.**

2.5 FRAY

Inspect the entire length of the lifeline for signs of frayed strands such as the examples shown below.



**Acceptable amount of damage,
service may continue.**



**Unacceptable amount of damage,
remove from service immediately.**

2.6 SOILING

Inspect the entire length of the lifeline for signs of soiling such as the example shown below.



Acceptable amount of spoilage, service may continue.

2.7 Visible White Core

Inspect the entire length of the lifeline for signs of the white core such as the examples shown below.



Acceptable amount of damage, service may continue.



Unacceptable amount of damage, remove from service immediately.

2.8 Paint

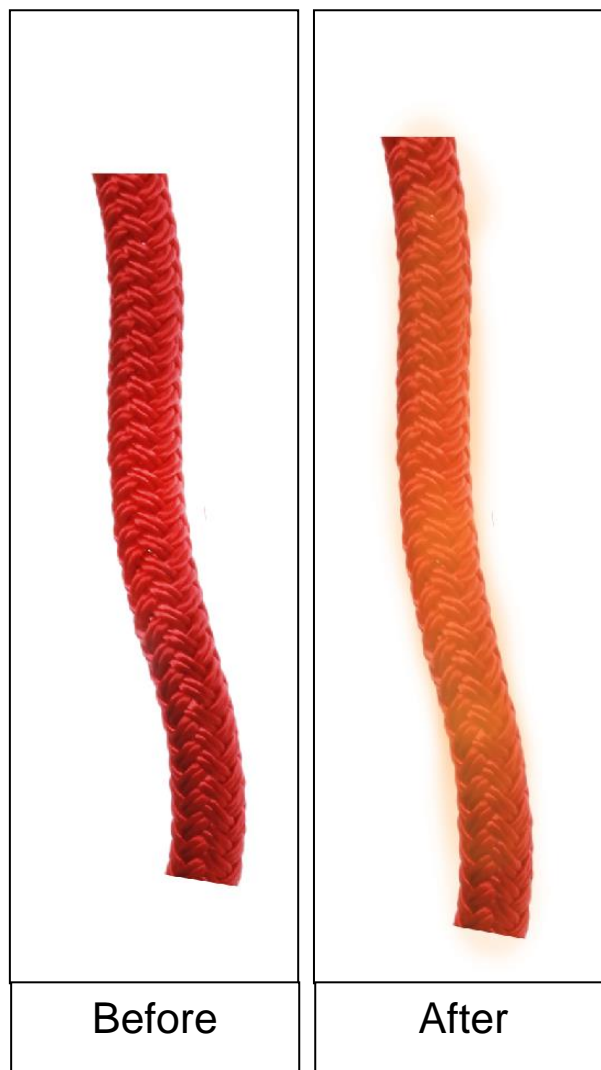
Inspect the entire length of the lifeline for paint contaminations such as the example shown below.



Acceptable amount of spoilage, service may continue.

2.9 UV Degradation

Inspect the entire length of the lifeline for signs of UV damage such as the example below. If the rope look like the example given in the 2nd image remove from service immediately.



TM-012_HLL1-LIFELINE_INSPECTION-MANUAL



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