Ladder Lashing Scoring Guidelines

Material to be provided by Station Master:

- (6) 8-foot poles
- (18) 2-foot rungs
- (6) 20-foot ropes
- Stopwatches for timing
- Clipboard with pencil and score sheets
- District will provide the tower

Ladder Lashing

Patrols will construct a ladder using the procedure outlined in the included diagram. They will then transport their ladder to a tower where the patrol leader must climb the ladder and recite the Scout Oath to a station master. All patrol members must help support the ladder as the patrol leader climbs. 20 points will be awarded for participation. Patrols will receive additional points based on total time needed to complete the task and the correctness of the ladder lashings.

Time to complete the task:

0-5 minute 30 pts

5-7 minutes 25 pts

7-9 minutes 20 pts

9-11 minutes 15 pts

11-13 minutes 10 pts

13-15 minutes 5 pts

Over 15 minutes 0 pts

5 points for each side of the ladder lashed correctly

Total points possible: 60 points

ADDER LASHING allows for a quick and secure method for constructing a ladder or for constructing a decking with evenly spaced decking pieces.

This form of lashing has several advantages over the traditional floor lashing. Less material is required because, unlike floor lashing, a space can be left between each piece of the decking. Also, each rung is securely lashed in place by several loops of rope in much the same way as a square lashing. With the traditional floor lashing, only a single loop of the rope holds each end of the decking in place; therefore, if one piece loosens, the entire deck loosens.

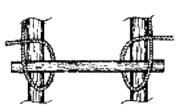
The ladder lashing has two forms; left and right, each is a mirror image of the other. — Gerald L. Findley



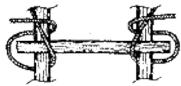
START: The ladder lashing is started by using a dove hitch stopped with two half hitches to secure a rope to the top end of each rail.



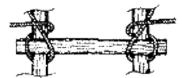
STEP 1: Lay on overhand loop over each side rail so that the running end of each loop is to the outside.



STEP 2: Place a rung across the rails. The standing part of each averhand loop is over the end of the rung, and the running part of each averhand loop is under the rung.



STEP 3: Pull the running part of each overhand loop behind and to the outside of each rail.



STEP 4: Then pull each loop forward and over the end of the rung.



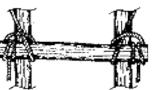
STEP 5: Work each rope until it is tightened around the rung and the rung is in its desired position.



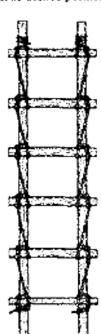
STEP 6: Form an overhand loop in each running part.



half hitches around the rung.

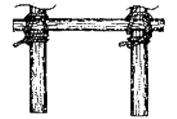


STEP 7: Place the overhand loops over the ends of the rung to form



STEP 8: Work the half hitch tight.

STEP 9: Repeat steps 1 through 8 for each additional rung.



END: Finish the lashing by tying a clove bitch around each rail. Each clove hitch should be located directly under the bottom rung.

Ladder Lashing Score Sheet

Ladder Lasning S		Participation				
	Troop	Points (+20	Time to	Completion	Loching	Total
D-41	Troop	Points (+20	Complete	Completion Time Points	Lashing	Total Delete
Patrol	#	Points)	Complete	Time Points	Points	Points