

## LAB – WORKING WITH LIQUIDS – skills checklist

LAB GROUP NUMBER:

LAB GROUP MEMBERS:

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### DAY 1 SKILLS

**YES**

**NO**

**Graduated cylinder use – technique**

fill to a volume specified by the teacher

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**Buret use – technique**

drain 10 mL liquid from a starting volume specified by the teacher

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**Pipet use – technique**

drain 5 mL liquid from a starting volume specified by the teacher

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**Filter paper and funnel setup**

ring stand and ring clamp properly set up

funnel in ring stand at appropriate distance (not too high or too low)

paper properly folded

paper properly secured to funnel

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**Filtration of sand**

ring stand and ring clamp properly set up

funnel in ring stand at appropriate distance (not too high or too low)

paper properly folded

paper properly secured to funnel

filter paper intact (no rips)

sand within filter paper, not between filter paper and funnel

no sand in filtrate

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**Salt water – quality of filtrate**

no sand in it

no other visible impurities in it

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### DAY 2 SKILLS

**Heating setup**

hotplate plugged in, turned on

watch glass cover (concave side up)

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**Salt residue quality - in dish after heating**

no sand in it

no other visible impurities in it

no visible moisture

not burned or discolored

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