

7. Hot Water Calorifier Flow & Return Temperature Record

Year: 2014

Hot water calorifier no. 1 Sadia hot water Calorifier

Location: Site maintenance office

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	62.4	41.0	42.5	21.0	21.9	65.5						
Return °C	54.3	39.4	38.0	20.0	21.4	54.1						
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no.2 State hot water heater 220lts (2)

Location: kitchen (external boiler house)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	58.9	62.7	68.3	64.5	56.0	37.5						
Return °C	45.5	59.4	60.4	54.0	54.3	52.8						
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no.3 State hot water heater 220lts (1)

Location: kitchen (external boiler house)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	56.0	73.1	74.0	64.7	66.7	66.8						
Return °C	45.5	59.4	60.4	54.0	54.3	52.8						
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Note: Record temperatures (°C).

Note any that fall outside 60°C (flow) and 50°C (return) as an out of tolerance and take appropriate action.

Year: 2014

Hot water calorifier no. 4 Sadia hot water heater 15lts LWH

Location: roof space above reception (old school building)
*outlet temperature at tea point

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	59.5	54.0	54.8	57.5	57.4	56.5						
Return °C												
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 5 Hot water heater LWH

Location: cleaner's cupboard (old school building)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	No	56.3	54.7	60.0	60.2	55.3						
Return °C	Access											
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 6 Instantaneous electric hot water heater LWH

Location: staff wc (old school building)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	51.0	52.2	51.2	53.5	N/A	54.3						
Return °C												
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 8 AO Smith hot water calorifier 278lts

Location: Scola boilerhouse

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	67.5	65.2	68.0	65.1	63.0	68.0						
Return °C	62.6	62.5	62.4	58.5	60.0	62.8						
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 9 hot water calorifier 270lts

Location: gym plant room

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	64.1	63.7	63.0	62.4	63.0	63.6						
Return °C	59.5	59.2	59.8	57.0	61.0	62.2						
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 10 (1)

Location: sports hall / badminton plant room

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	84.2	72.7	78.5	70.0	65.1	65.0						
Return °C	69.0	62.2	66.9	55.9	63.0	62.5						
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 11 (2)

Location: sports hall / badminton plant room

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	63.0	56.3	63.2	49.0	69.5	70.6						
Return °C	69.0	62.2	66.9	55.9	63.0	62.5						
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 13 Sadia hot water heater 15lts

Location: sports pavilion plant room

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	NA	NA	NA	NA	NA	NA						
Return °C	NA	NA	NA	NA	NA	NA						
Stored °C	NA	NA	NA	NA	NA	NA						
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 15 Sadia hot water heater 25lts

Location: science & maths – store room

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	63.5	64.2	66.0	65.5	66.2	64.2						
Return °C												
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 16 Sadia hot water heater 25lts

Location: science & maths – right hand classroom

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	66.2	71.4	67.6	66.3	65.9	67.5						
Return °C												
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

Year: 2014

Hot water calorifier no. 18 hot water calorifier)

Location: Rotherly New Nursery Building Boiler Room

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	60.0	56.5	60.0	61.8	64.2	63.5						
Return °C	50.0	50.2	50.0	52.7	55.0	57.0						
Stored °C												
Initial	PS	PS	PS	PS	PS	PS						

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