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	60.0	63.6	60.5	60.0	60.0	60.0
Return °C	54.3	39.4	38.0	20.0	21.4	54.1	55.0	60.6	56.5	56.5	56.0	54.0
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	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	64.8	63.1	69.0	74.8	68.0	Tripped
Return °C	45.5	59.4	60.4	54.0	54.3	52.8	57.8	53.0	60.0	52.0	53.0	Tripped
Stored °C												
Initial	PS	PS	PS	PS	PS	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	63.5	73.2	72.0	72.4	60.0	Tripped
Return °C	45.5	59.4	60.4	54.0	54.3	52.8	57.8	60.0	60.0	52.0	53.0	Tripped
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	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.

PRESTON Water Treatment

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	54.8	55.4	58.2	55.6	64.2	55.2
Return °C												
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	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	57.0	55.5	54.6	62.0	57.5	62.0
Return °C	Access											
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS

FREESTON
Water Treatment

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	N/A	N/A	N/A	N/A	N/A	N/A
Return °C												
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	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	66.0	68.0	66.0	64.0	65.0	67.5
Return °C	62.6	62.5	62.4	58.5	60.0	62.8	60.0	61.0	61.7	61.0	60.0	63.0
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	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	64.0	64.0	63.6	63.3	64.0	62.2
Return °C	59.5	59.2	59.8	57.0	61.0	62.2	60.0	61.5	61.2	61.3	60.0	60.0
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS

FREESTON
Water Treatment

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	65.0	70.0	78.0	57.0	60.0	60.0
Return °C	69.0	62.2	66.9	55.9	63.0	62.5	63.0	56.0	66.0	54.0	54.0	52.2
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	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	69.3	72.5	68.1	60.0	56.0	54.3
Return °C	69.0	62.2	66.9	55.9	63.0	62.5	63.0	56.0	66.0	54.0	54.0	52.2
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	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	NA	NA	NA	NA	NA	NA
Return °C	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Stored °C	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Initial	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS

PRESTON
Water Treatment

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	64.9	66.5	64.1	66.3	64.8	66.2
Return °C												
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	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	66.2	68.0	66.5	67.5	66.4	67.3
Return °C												
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	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	62.0	60.0	64.1	31.0	63.0	60.0
Return °C	50.0	50.2	50.0	52.7	55.0	57.0	54.0	52.0	55.1	30.3	54.0	47.0
Stored °C												
Initial	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS

FREESTON
Water Treatment