

## 7. Hot Water Calorifier Flow & Return Temperature Record

Year: 2013

Hot water calorifier no. 1 Sadia hot water heater

Location: Site maintenance office

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	43	51.9	51.5	50.0	25.5	30.8	67.0	63.2				
Return °C	36	50.3	50.0	50.0	24.7	15.3	56.0	56.0				
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

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	60	60.4	68.0	69.0	57.0	50.0	55.0	56.0				
Return °C	51	54.2	54	50.4	47.0	50.0	55.0	50.0				
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

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	61	63.1	56.0	51.8	56.0	60.0	68.5	60.0				
Return °C	51	54.2	54.0	50.4	47.0	50.0	55.0	50.0				
Stored °C	-	-										
Initial	KG	KG	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: 2013

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

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	*58	59.8	57.3	56.8	57.0	56.0	55.5	54.6				
Return °C	-	-										
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

Hot water calorifier no. 5 Hot water heater

Location: cleaner's cupboard (old school building)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	63	60.8	47.6	54.1	56.7	48.3	50.0	45.4				
Return °C	-	-										
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

Hot water calorifier no. 6 Instantaneous electric hot water heater

Location: staff wc (old school building)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	39*	60.2	NA	51.0	57.5	53.1	NA	57.6				
Return °C	-	-	NA				NA					
Stored °C	-	-	NA				NA					
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

\*outlet temperature

Year: 2013  
 Hot water calorifier no. 7 Santon hot water heater 5lts  
 Location: room 15 history dept.

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

Year: 2013  
 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	60	59.9	65.0	64.3	65.6	64.9	64.7	64.0				
Return °C	60	60.1	57.0	57.2	62.2	60.5	59.0	58.5				
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013  
 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	62	59.4	61.5	63.3	62.0	62.0	63.2	62.6				
Return °C	60	53.3	52.2	58.2	53.0	58.3	57.3	59.0				
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

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	51	62.1	62.5	68.0	66.3	64.0	64.3	68.1				
Return °C	53	67.4	63.2	60	58.2	58.7	56.3	62.3				
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

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	71	84.6	81.5	66.3	63.6	62.0	60.0	64.5				
Return °C	53	67.7	63.2	60	58.2	58.7	56.3	62.3				
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

Hot water calorifier no. 12 combination boiler

Location: baby cottage - external 'shed'

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	55*	54.2	56.5	58.6	59.4	56.5	57.8	57.2				
Return °C	-	-										
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

\*outlet temperature

Year: 2013

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	30.0	NA	NA				
Return °C	NA	NA	NA	NA	NA		NA	NA				
Stored °C	NA	NA	NA	NA	NA		NA	NA				
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

Hot water calorifier no. 14 Electric shower unit

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				
Return °C	NA	NA	NA	NA	NA	NA	NA	NA				
Stored °C	NA	NA	NA	NA	NA	NA	NA	NA				
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

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	55	51.6	52.1	50.0	70.5	50.0	NA	63.3				
Return °C	NA	NA	NA	NA	NA		NA					
Stored °C	NA	NA	NA	NA	NA		NA					
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

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	67.7	67.0	NA	66.0	67.4	NA	66.2				
Return °C	-	-	NA		NA	NA	NA					
Stored °C	-	-			66.0		NA					
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

Hot water calorifier no. 17 hot water calorifier (1)

Location: Rotherly house boiler room

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	56	54.3	55.0	54.0	50.1	52.0	62.3	65.3				
Return °C	53	51.1	51.0	50.0	43.0	50.7	55.7	56.3				
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				

Year: 2013

Hot water calorifier no. 18 hot water calorifier (2)

Location: Rotherly house boiler room

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow °C	57	51.4	51.0	52.0	51.8	55.3	57.0	60.0				
Return °C	53	51.1	50.0	51.0	43.3	50.7	55.7	56.3				
Stored °C	-	-										
Initial	KG	KG	PS	PS	PS	PS	PS	PS				