

Huntingdonshire

d i s t r i c t c o u n c i l

Permit Application form for Dry Cleaners

Pollution Prevention and Control Act, 1999
Pollution Prevention and Control (England and Wales) Regulations 2000
(as amended)

For local authority use

Application Reference	Officer reference	Date received
56758	ASJA	4 SEPT 06

When to use this form

Use this form if you are applying for a permit to a Local Authority to operate a dry cleaning installation as defined in Schedule 1 of The Solvent Emissions (England and Wales) Regulations, 2004 SI 107.

The appropriate fee must be enclosed with the application to enable it to be processed further. When complete send the form and fee and any additional information to:

Environmental Health Department
Huntingdonshire District Council
Pathfinder House
St Mary's Street
Huntingdon
Cambs PE29 3TN
For the attention of: Aaron Morley - Environmental Protection Officer

A1.1. Name of the premises

JOHNSON CLEANERS UK LTD

A1.2. Please give the address of the premises

13 CHEQUERS COURT, HUNTINGDON,
CAMBS, ENGLAND

Postcode PE18 6NB Telephone 01480 455946

Ordnance Survey national grid reference 8 characters,

(for example, SJ 123 456) TL239 719 there are a number of internet mapping sites which will convert a Post Code to a grid reference

A1.3. Do you have an existing permit for a dry cleaning installation? No.



A2.1. **The Applicant** - Please provide the full name of company or corporate body or the name of the sole trader or the names of the partners

..... JOHNSON CLEANERS UK LTD

Trading/business name (if different)

.....

Registered Office address

..... MILTON KEY ROAD

..... BOOTH

..... MERSEYSIDE

Postcode

..... L20 5EW

Telephone

..... 0151 933 6161

A2.2. Holding Companies

Is the operator a subsidiary of a holding company within the meaning of Section 736 of the Companies Act 1985?

Yes	No
✓	

Name of ultimate holding company..... JOHNSON SERVICE GROUP

Ultimate holding company Registered office address

Johnson Service Group

Johnson House

Abbots Park

Monks Way

Preston Brook

Runcorn

Cheshire

WA7 3GH

.....

Telephone..... 0151 933 6161

B. About the installation

B1.2. A plan of the premises showing the location of:

- (a) the premises **Doc 1.**
- (b) where the dry cleaning machine(s) will be installed **Doc 2**
- (c) where the dry cleaning solvents will be stored **Doc 2**
- (d) where the dry cleaning residue will be stored **Doc 2**
- (e) any drains within the installation and in the immediate area of the installation which may be affected as a result of any potential Volatile Organic Compound (VOC) release from the dry cleaning operations **Doc 2.**

must be attached.

B1.3. A description of the location and methods of storage of:

- (a) dry cleaning solvents **Doc 2.**
- (b) dry cleaning residue **Doc 2.**

must be supplied.

B1.4. Make, model name/number, serial number, load capacity, date of installation of machine and type of dry cleaning solvent used.

Make	Model	Serial Number	Load Capacity	Date of Installation	Dry Cleaning Solvent
UNION	PBSO	507/MO/0371/3891	45 LG 20 KILO.	1.3.2000	PERK.

B1.5. Provide details, including a schedule, of checking and maintenance procedures for each machine. This should include the machine manufacturers' recommended operating procedures, checking and maintenance requirements and any other additional procedures undertaken by the operator. **Doc 3 + Doc 4.**

B1.6. Provide details of any other activities carried out within the dry cleaning installation which involve the use of organic solvents in particular spot clean solutions, water-proofing solutions and any other solvents or solvent borne preparations **NIA.**

B1.7. Provide details on the training and relevant qualifications regarding operating and maintaining the dry cleaning machine in accordance with the Secretary of State's Process Guidance Note PG6/46(04) for Dry Cleaning. **Doc 5.**

B1.8. Specify how the product will be weighed and recorded weekly and annually. **Doc 6.**

B1.9. Provide details how the mass or volume of solvent used will be determined and recorded weekly and annually (due to the low use of spot cleaning solvents they need only to be determined annually). **Doc 6.**

B2.0. Risk Phrase Solvents : Are any substances or preparations which because of their VOC content are required carry one or more of the following risk phrases used within the installation:

- R40 Limited evidence of a carcinogenic effect
- R45 - May cause cancer
- R46 - May cause heritable genetic damage
- R49 - May cause cancer by inhalation
- R60 - May impair fertility
- R61 - May cause harm to the unborn child.

Yes	No
	NO.

(Details of the risk phrases of the materials used can be found on the original suppliers packaging and in the Materials Safety Data Sheet (MSDS) for the product)

If **Yes**, provide full details of how and why these risk phrase materials are used and how the requirements of the amendment 1C of Schedule 1 of The Solvent Emissions (England and Wales) Regulations, 2004 SI 107, substitution, control and limiting of emissions of risk phrase materials will be met.

C1. Fees and Charges

The enclosed charging scheme leaflet gives details of how to calculate the application fee. Your application cannot be processed unless the application fee is correct and enclosed.

C1.1. Please state the amount enclosed as an application fee for this installation.

£ 134.00

Cheques should be made payable to:

Huntingdonshire District Council

We will confirm receipt of this fee when we write to you acknowledging your application.

C1.2. Please give any company purchase order number or other reference you wish to be used in relation to this fee.

C2. Annual charges

If we grant you a permit, you will be required to pay an annual subsistence charge. If you don't pay, your permit can be revoked and you will not be able to operate your installation.

C2.1. Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges.

J.
N.
R.
Postcode
Johnsons Cleaners Regional Office
26 The Rushes
Loughborough
Leicestershire
LE11 5BG
Tel: 01509 263746
Telephone 01509 336161

C3. Commercial confidentiality

C3.1. Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial confidentiality?

Yes	No
	No.

If **Yes**, please provide full justification, considering the definition of commercial confidentiality within the PPC regulations (See the general guidance manual).

C4. Data Protection

The information you give will be used by the Local Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and/or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- assess customer service satisfaction and improve our service.

We may pass on the information to agents/representatives who we ask to do any of these things on our behalf.

It is an offence under Regulation 32 of the PPC regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular.

If you make a false statement

we may prosecute you, and

if you are convicted, you are liable to a fine or imprisonment (or both).

C5. Declaration

C5.1. Signature of current applicant(s)*

I/We certify that the information in this application is correct. I/We apply for a permit in respect of the particulars described in this application (including supporting documentation) I/We have supplied.

Please note that each individual applicant must sign the declaration themselves, even if an agent is acting on their behalf.

For the application from:

Premises name: JOHNSON CLEANERS

Signature: 

Name: MR R. HEIER

Position: REGIONAL MANAGER

Date: 07776.166

Signature:

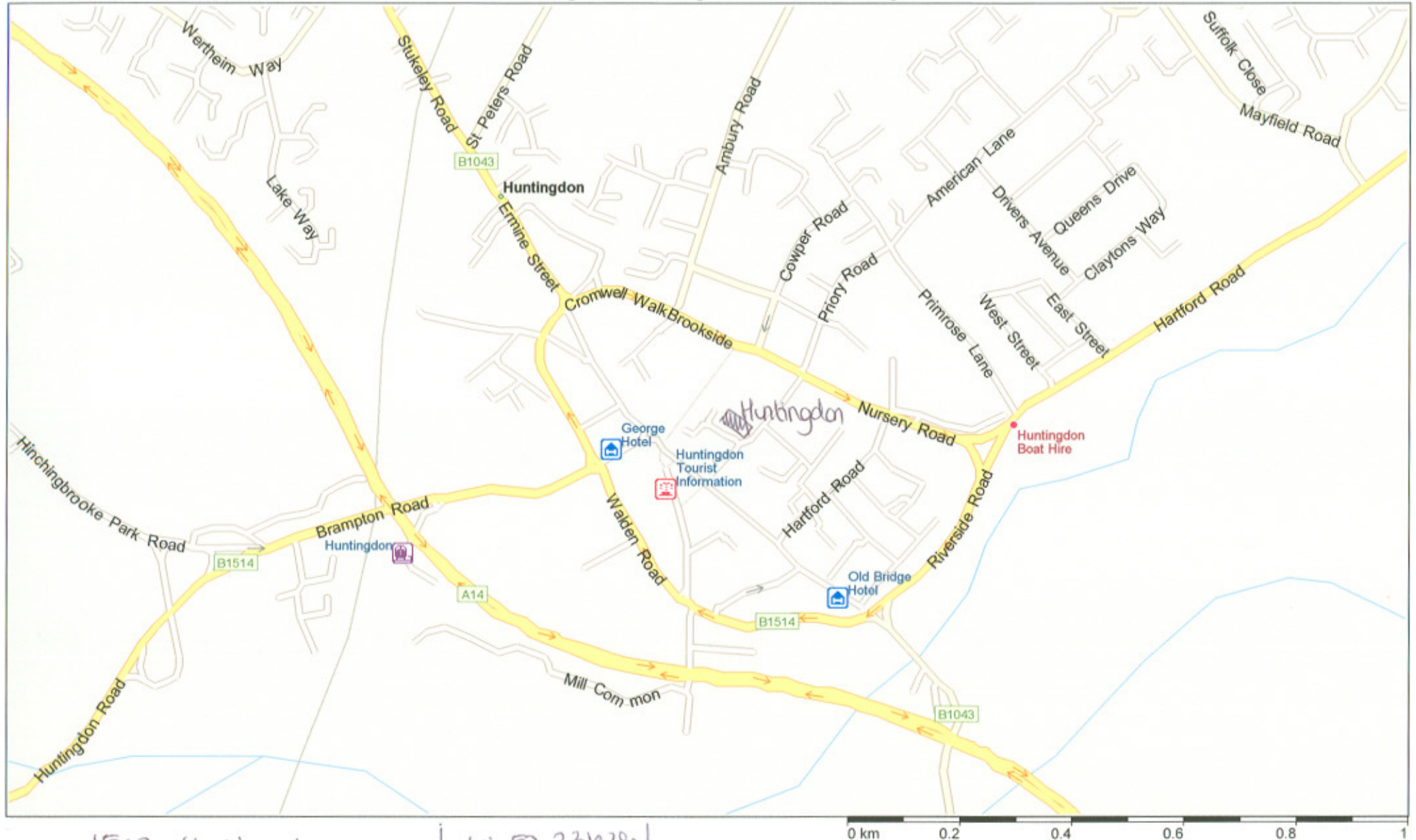
Name:

Position:

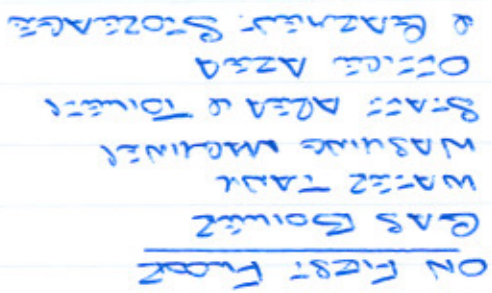
Date:

* Where more than one person is defined as the applicant, all should sign. Where a company or other body corporate - an authorised person should sign and provide evidence of authority from the board of the company or body corporate.

Cambridgeshire, England, United Kingdom



1503. HUNTINGDON 13. QUODDERS COURT.



Doc 3/1

Operator maintenance is carried out in accordance with the Manufacturer's instructions, and includes

Cleaning of Lint Screens and button traps twice daily/Raking out the still at least once per week /Checking of the vacuum pump and strainer once per week and a visual inspection for leaks once Per week.

Operator training is provided by the machine Manufacturer's agent over a two day period, an operators Manual of instruction is issued and a further seven days of training are provided by our internal Training Department.

Training records are available for inspection on request.

A Melvin

Technical Manager

Dec 3/2

"A" Service – Once per Month		M I S C E L L A N E O U S	"A" Service – Once per Month (continued)	
B O I L E R	1 Blow down boiler(s)	✓	41 Check all steam traps & sight check valves	✓
	2 Check burner & clean if necessary	✓	42 Check hoist or conveyor	✓
	3 Check boiler water level(s) feed pump(s) & feed pipe	✓	43 Blow down air receiver/check compressor oil & air inlets	✓
	4 Check boiler flue draught	✗	44 Check air receiver & air lines for leaks	✓
	5 Check boiler feed tank condition and temperature	✓	45 Check various water treatments as necessary & softener	
	6 Check overriding gas and flame failure devices for operator	✓	46 Check all Branch lights are working including signs	✓
	7 Check boiler & reducing line pressure & gauges	✓	47 Check vent fans & grilles – clean as necessary	
	8 Check condition of boiler flue	✓	48 Check visible pipework (corrosion or leaks)	✓
W A T	9 Check cooling flow system water/circulation pump	✓	49 Check solvent & utilities consumption rates	✓
	10 Check water cooling arrangement. Fan, sump, airways			
	11 Check all automatic valves for operation	✓		
D R Y C L E A N I N G M A C H I N E	12 Check all solvent flow pumps	✓	"B" Service – Three Monthly	
	13 Grease M/C, fill oil seal bottles as recommended	✓	1 Check still door gasket	
	14 Check M/C separator(s) for cleanliness	✓	2 Clean out live steam pipe, clean still above normal level & sight glass	
	15 Check ph in water separator	✓	3 Check M/C control panel – particularly contactors	
	16 Check solvent tank level glasses	✓	4 Check drying temperature	
	17 Check all foundation bolts	✓	5 Drain & clean recovery & sealed separators	
	18 Check dry thermostat temperature & steam valve	✓	6 Change vacuum pump oil	
	19 Check for solvent leaks with test equipment	✓	7 Carry out water test, including M/C separator	
	20 Check all M/C solvent level switches for operation	✓	8 Check still oil & water levels	
	21 Check drying, air flow system & dampers	✓	9 Check electric leads, 13 amp plugs & sockets	
	22 Check air filters & lubricators	✓	10 Check pre-heat tank & clean if necessary	
	23 Check all PVC pipes & clips & flexible trunking	✓		
	24 Check M/C door interlock & micro switches etc.	✓	"C" Service – Six Monthly	
	25 Check operation of M/C through on full cycle	✓	1 Check & clean out solvent tank(s) if necessary	
	26 Check operator maintenance is satisfactory		2 Clean out washer cage & check back plate & bearing seal	
	27 Check filter lid retaining mechanism & filter pressure	✓✗	3 Check condition of filter spin	
	28 Check fridge compressor oil level & moisture indicator	✓	4 Remove & clean machine fan & duct work	
	29 Check still door for leaks	✓	5 Check all drive belts	
	30 Check condition of lagging & replace if necessary	✓	6 Check & clean internal tank/still pipework	
	31 Check process as necessary		7 Clean steam strainers	
	32 Check M/C fan ducts & clean as necessary		8 Check all manually operated valves	
	33 Clean cage, dip controls & check operation	✓	9 Check & clean drain from drum to button trap	
	34 Check & clean button trap & housing	✓	10 Check all nylon solvent lines	
	35 Check & clean water strainers where fitted		11 Clean cooling battery & duct work	
	36 Check separator pipework	✓	12 Inspect & test heater battery	
	37 Check auto still pump out		13 Check air balance lines	
	38 Check vacuum pump oil level	✓	14 Check boiler tubes – check retarders	
	39 Check correct vacuum achieved		15 Clean water cooling arrangement/check anti-freeze	
	40 Check operation panic button	✓		
	41 Check vent interlock	✓		
			"D" Service – Annually	
			1 Redisc crown & main branch steam valves	
			2 Change oil in compressor	
			3 Grease all electric motors & gearboxes	
			4 Carry out boiler inspection	
			5 Check boiler feed tanks & hot tank sparge pipe	
			6 Carry out ventilation inspection & report	
			7 Carry out air receiver inspection (24 monthly)	
			8 Carry out electrical safety checks P.A.T.	
			9 Visual inspection of electrical installation	
F I N I S H	1 Check operation of garment former/steam cabinet			
	2 Check garment press(es), finishing table(s) & vacuum unit(s)			
	3 Check spotting table, gun hose & electric flexes			
	4 Check steam iron & hoses			
	5 Check operation of garment former/steam cabinet			

Union Service Recommendation

Works schedule for the servicing of the Union HP & HL machines using GreenEarth or Hydrocarbon solvent. (Books Technical & Operator/Technical)

A competent person having a good general knowledge of the machinery and performance characteristics must carry out these works.

Page 1 of 2 HYDROCARBON (GE)

	Functions	Completed
Still	(1) Clean out the residue chamber, pay special attention to the base plates cleaning using coarse sandpaper as a final finish. (2) Check mini boiler water level and auto vent steam trap and strainers (3) water detection probe & Feibo functions on electric heated version. (4) Check steam traps function on steam fed type. (5) Clean looking glass, (6) Check solvent inlets & outlets. (7) Clean float switch check alarm 5 and clean the antifoam probes. (8) Check operation of temperature probes to prevent door opening <45C> and check setting of still bottom temperature probe <140C>. Change door gasket. Check correct vacuum achieved. <50 Mb>.	(1) (2) (3) (4) (5) (6) (7) (8)
While still is cold.		
Drying Heater Mini Boiler	(1) Check water level, (2) clean out strainer and trap on auto-vent assembly	(1) (2)
Water Separator	(1) Drain off water from all separators (2) Drain off solvent to still while cold. (3) Remove sight glasses and clean all internal parts and water detect probe. (4) Clean out decanter separator, clean & check functioning of float switches in both.	(1) (2) (3) (4)
Vacuum pump and liquid seal tank	(1) Empty tank to still, clean out tank, check & clean float switches. (2) Remove and clean vac pump strainer. (3) Refill with clean solvent to the correct level.	(1) (2) (3)
Still Condenser	(1) Remove cooling coil & clean, (2) clean out tank. (3) Check for up-stand pipe modification. (4) Fit new gasket.	(1) (2) (3) (4)
Lock Tank	(1) Empty off and clean float switch.	(1)
Turn on Still	Allow distillation of solvent. Check for vacuum leaks into lock tank etc	
Filter	(1) Drain 50% to cage - (2) Spin remaining 50% & Drain to still. (3) Remove disk assembly for solvent washing in the cage (4) Pump cage content to still. (5) Distil the solvent content. (6) Instruct operator to clean out the still again as soon as possible.	(1) (2) (3) (4) (5) (6)
Air Balance	(1) Clean all air balance pipes connected to the back plate.	(1)
Main Bearing Housing	(1) Tighten all bolts. (2) Check for solvent leak run marks. Report if not rectified.	(1) (2)
Loading door adjusting ring	(1) Adjust the gap between the drum and door to Max 5mm.	(1)
Solvent Pump.	(1) Check for noise caused by restrictions etc. (2) Check flow by time taken to cover cage bottom. (Normal 25 sec). (3) Strip pump down only if necessary to remove suspect derbies. (4) Clean out the button trap outlet valve, look for pins across the seating.	(1) (2) (3) (4)
Base Tanks	(1) Flush out the distilled tank at low level (2) Pump low-level content to still. Repeat this exercise for any spare 3 rd tank.	(1) (1) (2) (2)
Drive Belts	(1) Inspect drive belts for wear. If good, leave spare on site (2) Change drive belt only if necessary.	(1) (2)

2 of 2	HYDROCARBON GE	
Doors /& Door Locks	(1) Check all opening door seals. (2) Check all door locks (3) Check all door open switches, particularly the loading door. (4) Adjust if necessary	(1) (2) (3) (4)
Filter Decol	Fit new Cartridge. (Johnsons do not have this cartridge)	
Lint Screen	(1) Clean and wash out lint screens. (2) Check airflow through the cage.	(1) (2)
Fridge	Check airflow through the cage. If restriction is suspected, recommend that the evaporation coil be removed for cleaning. (Not included as part of the normal service schedule) (2) Leas with office.	(1) (2)
Pneumatic System	(1) Check for any air leaks. (2) Fill oil bottle. (3) Check air pressure regulator. (4) Check every valve function.	(1) (2) (3) (4)
Foundation Bolts	(1) Tighten all bolts into the concrete base. (2) Tighten all bolts holding the machine into the floor tray.	(1) (2)
Working Checks.	(1) Operate one 2 bath cleaning process with full load. (2) Rectify all obvious malfunctions like solvent or vapour leaks. (3) Distillation should start before completion of 2 nd spin cycle. (4) Drying should be complete within 45 minutes. (not cool down) (5) Fridge R22 HP 20 bar. 404 23 bar (6) Fridge LP higher than 4 bar during dry. (7) Check operation and setting of Danfoss valves. (8) Check for any rise in Fridge HP during drying/cool down change over. (9) Ensure all valves opened or closed during servicing are now in a correct operating position. (10) Any safety plugs replaced. (11) Instruct the operator to manually clean the still out as soon as possible. (12) Vent off both mini boilers. (13) Check function of soap doser. (14) Add water to the separator to check the function of the water detect probe in separator when loading door is opened.	(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14)
Notes	If the still bottom probe is not installed, inform the Parrisienne office. Ask staff about damaged garments by trapping between cage and door. Check that the machine is sitting level. Report if not.	
	Engineer	Date
	Last update 01/05 IWP	

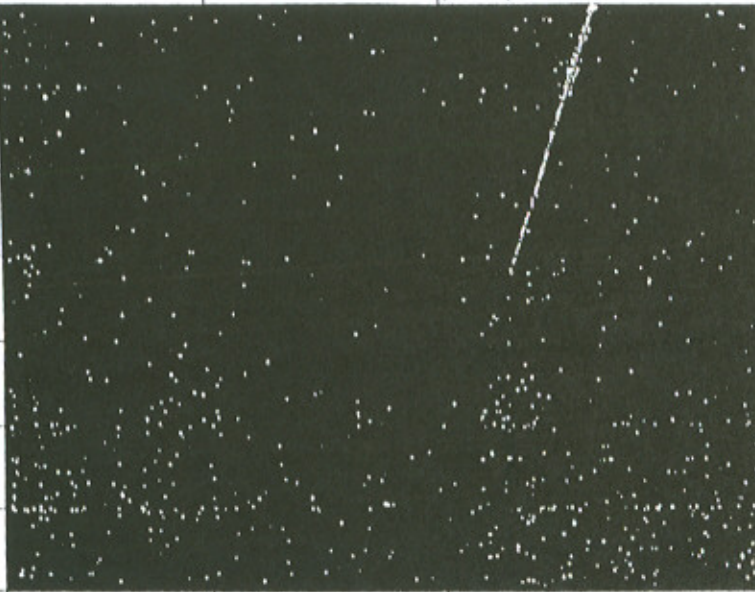


Dry Cleaning Skills Summary Of Training

All JCUK branch staff are trained by a regional trainer, in the following tasks. Including a written health and safety exam. They then have a progress visit and a formal assessment in which they prove competence before being allowed to operate a dry cleaning machine without supervision.

Task	Evidence of learning	Qualification
Health and safety of dry cleaning solvents and kit chemicals to include <ul style="list-style-type: none"> Storage and disposal Associated hazards COSHH First aid Fire fighting Spillage procedure including environmental impact 	Written test Observation	JCUK Certificate in dry cleaning
Overview of the dry cleaning machine and the dry cleaning process, to include <ul style="list-style-type: none"> Safety interlocks Solvent catchment tray Possible causes of vapour/solvent leaks Ventilation Pressure seals 	Written test Observation	JCUK Certificate in dry cleaning
Maintenance procedures <ul style="list-style-type: none"> Filter maintenance and disposal of filter waste Button trap lint screen maintenance and disposal of contaminated lint Still maintenance and disposal of residue Solvent top up procedures and disposal of used containers 	Written test Observation Machine reports Solvent mileage Disposal notice	JCUK Certificate in dry cleaning
Dry cleaning process <ul style="list-style-type: none"> Garment preparation Loading capacity Care labels Stain removal Wash cycle Dry cycle Solvent consumption Water consumption Gas consumption 	Written test Observation Machine reports Solvent mileage Disposal notice	JCUK Certificate in dry cleaning
Breakdowns and engineering <ul style="list-style-type: none"> Engineer contact Log sheet for reporting problems Recognition of machine faults and diagnosis 	Engineers reports	JCUK Certificate in dry cleaning
Completion of weekly report and input into Epos system SWEG <ul style="list-style-type: none"> Completion of report and recognition of problems 	SWEG reports	JCUK Certificate in dry cleaning

WEEK COMMENCING / /

DATE	TOTAL WEIGHT CLEANED D/C (Kgs)	TOTAL WEIGHT CLEANED WASH (Kgs)	TOTAL WEIGHT CLEANED COMB. (Kgs)	SOLVENT USED (Ltrs)	SOLVENT RECEIVED (Ltrs)	RESIDUE REMOVED FROM BRANCH (Ltrs)
						
TOTAL						

COMMENTS :

ANY OTHER SOLVENT LOSSES (SPILLAGE ETC.) :

Doc 6

B1.8

Doc

B1.9

Doc

ANNUAL CONSOLIDATION PERIOD ENDING/...../.....					
QUARTER ENDING	TOTAL WEIGHT CLEANED	TOTAL SOLVENT USED	TOTAL SOLVENT RECEIVED	TOTAL RESIDUE REMOVED	TOTAL OTHER LOSSES
ANNUAL TOTAL					

COMMENTS :

B 10.0

Doc 8