

STANLEY®

Air compressor

GB Instruction manual for owner's use

DN 55/8/5



Oilless Compressor

Manufactured under license by:

Nu Air Compressors And Tools S.p.A. - via Einaudi 6, 10070 Robassomero (TO) Italy

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Ⓞ **GB** Before operating this tool, all operators should study this manual to understand and follow the safety warnings and instructions. Keep these instructions with the tool for future reference. If you have any questions, contact your STANLEY representative or distributor.

GB KEY TO PRODUCT SAFETY SIGNS



Before use, read the handbook carefully



Danger - automatic control (closed loop)












Warning, hot surfaces

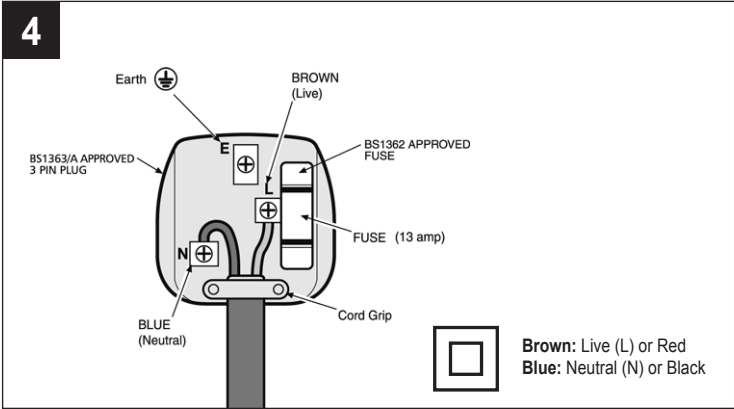
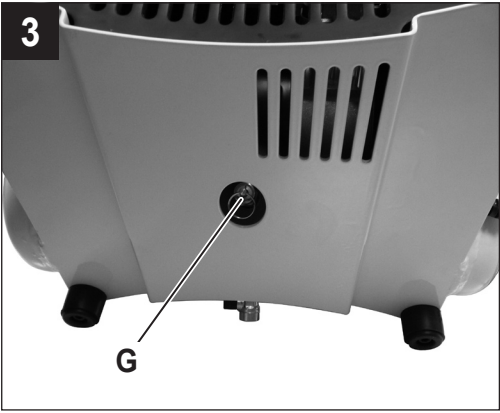
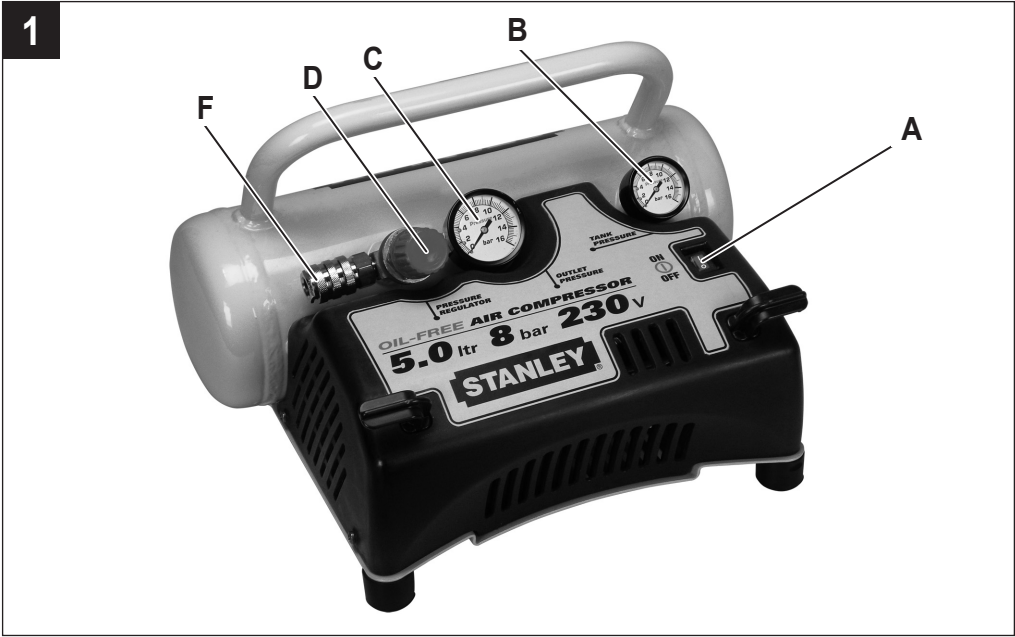


Hearing, sight and respiratory protection must be worn



Dangerous voltage

	HP	kW	I	gallons	l/min	cfm	volt - Hz	A	min⁻¹	bar	PSI	kg	lbs.	g
	0.5	0.3	5	1.2	55	2	230 - 50	1.2	3400	8	116	8	18	no
														
														
														
														
														
														
														
														



1. PRECAUTIONS

All users must read and fully understand all information contained in this owner's manual before assembling, operating, or maintaining this air compressor.

Carefully review the following rules for safe operation and fully understand all warnings.

⚠ THINGS TO DO

- The compressor must be used in a suitable environment (well ventilated with an ambient temperature of between +5°C and +40°C) and never in places affected by dust, acids, vapours, explosive or flammable gases.
- Always maintain a safety distance of at least 4 meters between the compressor and the work area.
- Any coloring of the belt guards of the compressor during painting operations indicates that the distance is too short.
- Insert the plug of the electric cable in a socket of suitable shape, voltage and frequency complying with current regulations.
- Use extension cables with a maximum length of 5 meters and of suitable cross-section.
- The use of extension cables of different length and also of adapters and multiple sockets should be avoided.
- Always use the I/O switch to switch off the compressor.
- Always use the handle to move the compressor.
- Always disconnect power cord and air hose from the air compressor before transporting.
- When operating, the compressor must be placed on a stable, horizontal surface.

⚠ THINGS NOT TO DO

- Never direct the jet of air towards persons, animals or your body. (Always wear safety goggles to protect your eyes against flying objects that may be lifted by the jet of air).
- Never direct the jet of liquids sprayed by tools connected to the compressor towards the compressor.
- Never use the appliance with bare feet or wet hands or feet.
- Never pull the power cable to disconnect the plug from the socket or to move the compressor.
- Never leave the appliance exposed to adverse weather conditions.
- Never transport the compressor with the receiver under pressure.
- Do not weld or machine the receiver. In the case of faults or rusting, replace the entire receiver.
- Never allow inexpert persons to use the compressor. Keep children and animals at a distance from the work area.
- Do not position flammable or nylon/fabric objects closed to and/or on the compressor.
- Never clean the compressor with flammable liquids or

solvents. Check that you have unplugged the compressor and clean with a damp cloth only.

- The compressor must be used only for air compression. Do not use the compressor for any other type of gas.
- The compressed air produced by the compressor cannot not be used for pharmaceutical, food or medical purposes except after particular treatments and cannot be used to fill the air bottles of scuba divers.
- To avoid serious burns, never touch the cylinder head parts or tubing during or immediately after operation.

⚠ THINGS YOU SHOULD KNOW

- **To avoid overheating of the electric motor, this compressor is designed for intermittent operation** (do not operate on more than a 50% duty cycle. If this air compressor pumps air more than 50% of one hour, then the compressor's capability is less than the air delivery required by the application. Always match the air volume requirements of the attachment or accessory with the air volume delivery of the compressor). In the case of overheating, the thermal cut-out of the motor trips, automatically cutting off the power when the temperature is too high. The motor restarts automatically when normal temperature conditions are restored.
- **When the compressor is plugged into an electrical source and the pressure switch is in the "ON" position, this compressor will cycle automatically.**
 - Never touch any moving parts.
 - Keep all body parts, hair, clothing, and jewelry away from moving parts.
 - Never operate the air compressor without all guards and shrouds in place.
 - Never stand on the compressor.
- The compressor is fitted with a safety valve that is tripped in the case of malfunctioning of the pressure switch in order to assure machine safety.
- When fitting a tool, the flow of air in output must be switched off.
- When using compressed air, you must know and comply with the safety precautions to be adopted for each type of application (inflation, pneumatic tools, painting, washing with water-based detergents only, etc.).
- Never exceed the maximum allowable pressure recommended by the manufacturer of any attachment or accessory you use with this compressor.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

2. FEATURES (Pics. 1-2-3)

- A. Pressure Switch:** The pressure switch is the activation mechanism that is used to start and stop the compressor. When the switch is "On", the motor and pump will compress air until tank pressure reaches the upper limit of the factory set operating pressure. When tank pressure falls below the factory set "cut in" pressure, the compressor will again automatically start to compress air.
- B. Tank Pressure Gauge:** The tank pressure gauge indicates the air pressure that is present in the tank in PSI (and BAR).
- C. Regulated Pressure Gauge:** The regulated pressure gauge indicates the amount of pressure that is allowed into the discharge line according to the setting of the regulator.
- D. Regulator Knob:** The regulator knob is used to adjust the air pressure that is available at the discharge line. The discharge air pressure is increased by turning the knob clockwise and decreased by turning the knob counter clockwise.
- E. Drain Valve:** Ball style valve that drains moisture from the tank when opened.
- F. Quick Coupler:** The quick coupler is used to connect the airline to your tool.
- G. Safety valve:** The safety valve is set to avoid over-pressurization of the air tanks. This valve is factory pre-set at 8 bar (116 PSI) and will not function unless tank pressure reaches this pressure. **Do not attempt to adjust or eliminate this safety device. Any adjustments to this valve could cause serious injury.** If this device requires service or maintenance, see an Authorized Service Center.

3. SCOPE OF USE

The compressor is designed for generating compressed air for tools operated by compressed air.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

The machine is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

4. ELECTRICAL GROUNDING INSTRUCTIONS

This product should be electrically grounded. In the event of an electrical short circuit, grounding reduces the risk of electrical shock by providing an escape wire for electrical

current. This product is equipped with a cord having a grounding wire with an appropriate grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

4.1 Connection of the mains plug




Important!

The wires in the mains lead fitted to this product are coloured in accordance with the code shown in pic. 4.

- **This product is double insulated and therefore does not require a connection to earth.**
- **The 3 pin plug must comply to BS1363/A.**
- **Fuse must comply to BS1362.**

If for any reason the 13 amp plug fitted to this product requires replacement it must be wired in accordance with the following instruction:

Do not connect the brown (live) or blue (neutral) to the earth pin marked 'E'  on the 3 pin plug.

Connect the Blue wire to the terminal marked Neutral (N). Connect the Brown wire to the terminal marked Live (L). Ensure that the outer insulation is gripped by the cord grip and that the wires are not trapped when replacing the plug cover. The mains lead on this product is fitted with a 13 amp (BS1363/A) plug. A 13 amp (BS1362) fuse must be fitted in the plug.

If in doubt consult a qualified electrician

There are no user serviceable parts inside this product except those referred to in the manual. Always refer servicing to qualified service personnel. Never remove any part of the casing unless qualified to do so; this unit contains dangerous voltages.



Warning!

For your protection if this product is to be used outdoors it should not be exposed to rain or used in damp locations. Do not place the product on damp surfaces, use a workbench if available. For added protection use a suitable residual current device (R.C.D.) at the socket outlet.

Note: If the mains cable requires replacing it must be replaced with an identical one and fitted by a qualified person.

5. PRE-START PROCEDURES

- Examine the machine for signs of transit damage. Report any damage immediately to the company which delivered the compressor.
- Verify that the tanks have been drained and are clear of any moisture or dirt.
- The compressor should be set up near the working consumer.
- Avoid long air lines and long supply lines (extensions).
- Make sure the intake air is dry and dust-free.

- Do not set up the compressor in damp or wet rooms.
- The compressor may only be used in suitable rooms (with good ventilation and an ambient temperature from +5°C to +40°C). There must be no dust, acids, vapours, explosive gases or inflammable gases in the room.
- The compressor is designed to be used in dry rooms. It is prohibited to use the compressor in areas where work is conducted with sprayed water.

6. OPERATION INSTRUCTIONS

6.1 Start-Up Procedures

1. Verify that the On/Off switch is in the Off position.
2. Verify that the tank air pressure is at 0 PSI.
3. Attach the air hose to the discharge line.
4. Plug the unit into a properly grounded outlet.
5. Push the On/Off switch to On. The On/Off switch will light-up to indicate the compressor is on. The compressor will automatically cycle on and off to keep the tank pressure maintained .
6. Adjust the pressure regulator to the proper pressure setting required for the air tool.

6.2 Shut-Off Procedures

1. Push in the On/Off switch to the Off position.

7. CLEANING AND MAINTENANCE

Warning! _____

Pull the power plug before doing any cleaning and maintenance work on the appliance.

Warning! _____

Wait until the compressor has completely cooled down. Risk of burns!

Warning! _____

Always depressurize the tank before carrying out any cleaning and maintenance work.

7.1 Cleaning

- Keep the safety devices free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the appliance immediately after you use it.
- Clean the appliance regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the appliance. Ensure that no water can get into the interior of the appliance.
- You must disconnect the hose and any spraying tools from the compressor before cleaning. Do not clean the compressor with water, solvents or the like.

7.2 Draining tank

The condensation water must be drained off each day by opening the drain valve (ref. E) (on the bottom of the pressure vessel).

1. Verify that the compressor is turned Off.
2. Holding the handle, tilt the compressor toward the drain valve so that they are positioned at the bottom of the tank.
3. Turn the drain valve to open the valve.
4. Keep the compressor tilted until all moisture has been removed.

Warning! _____

The condensation water from the pressure vessel will contain residual oil. Dispose of the condensation water in an environmentally compatible manner at the appropriate collection point.

7.3 Safety valve (ref. G)

The safety valve has been set for the highest permitted pressure of the pressure vessel. It is prohibited to adjust the safety valve or remove its seal. Actuate the safety valve from time to time to ensure that it works when required. Pull the ring with sufficient force until you can hear the compressed air being released. Then release the ring again.

7.4 Storage

Warning! _____

Pull the mains plug out of the socket and ventilate the appliance and all connected pneumatic tools.

Switch off the compressor and make sure that it is secured in such a way that it cannot be started up again by any unauthorized person.

Warning! _____

Store the compressor only in a dry location which is not accessible to unauthorized persons. Always store upright, never tilted!

8. DISPOSAL AND RECYCLING

The unit and its accessories are made of various types of material, such as metal and plastic.

Defective components must be disposed of as special waste. Ask your dealer or your local council.


9. TROUBLE SHOOTING GUIDE

Note: Remove power source and drain tank pressure prior to making any repairs or adjustments.

FAULT	PROBABLE CAUSE	REMEDY
Unit will not run	Tank pressure exceeds “cut in” pressure Extension cord causing excessive amp draw Fuse or circuit tripped Unit not turned on or not plugged in Cold weather conditions (typically temperatures below freezing)	Once pressure drops below “cut in” pressure, the unit will start. Check guidelines for proper cord gauge (use of extension cords is not recommended). Replace fuse or reset breaker. Check pressure switch and verify that it is in the On position. Verify that unit is plugged in. Place compressor in warmer environment for at least 30 minutes then try restarting.
Air leaks at fittings	Fittings loose	Tighten fitting. Check with soapy water. DO NOT OVER TIGHTEN.
Air leak at pressure switch	Clogged check valve	Remove and clean check valve.
Unit will not build pressure	Application requires excessive air demand Loose head Blown gasket Open drain valve	Reduce demand on compressor. Tighten bolts on head. Remove head and check for broken or deformed gasket. Replace if needed. Close drain valve.
Unit will not build pressure	Worn or broken valves	Remove head and replace valves.
Air leak at tank or air tank welds.	Damaged air tank	⚠ Warning! _____ Do not drill into, weld or otherwise modify air tank. Damaged or modified tanks can rupture. Replace tank immediately.

Any other type of operation must be carried out by authorized Service Centers, requesting original parts. Tampering with the machine may impair its safety and in any case make the warranty null and void.

Livello di potenza acustica garantito dB(A) - Guaranteed sound power level dB(A)

Modello / Model	HP	kW	L_{WA}m (dB)	L_{WA} (dB) 
DN 55/8/5	0,5	0,3	83,1	85
Capacità serbatoio (l) / Tank capacity (l) = 5				

Conforme d.lgs. N. 262/02

La conformità all'allegato VI - proc. 1 della direttiva 2000/14/CE è stata controllata da
2000/14/EC annex VI - proc. 1 conformity assessment made by

DNV - MODULO UNO S. c. a. r. l.
Viale Colleoni 9
Agrate Brianza (MI) - ITALIA

Dichiarazione di conformità CE - Declaration of compliance EEC - Déclaration de conformité CE - EG Konformitätserklärung
Declaración de conformidad CE - Declaração de conformidade CE - Verklaring van overeenstemming EEG - CE-Overensstemmelseserklæring
Försäkran om CE-överensstämmelse - CE Vaatimustenmukaisuusvakuutus - Δηλώση συμμορφωσης CE - Oświadczenie o zgodności KE - Izjava o skladnosti
direktivama CE - Izjava o skladnosti ES - EK Megfelelési nyilatkozat - ES Prohlášení o shodě - Prehlásenie ES o zhode - Декларация о соответствии нормам
EO - EF-overensstemmelseserklæring - AT uytgunluk beyanı - Declarație de conformitate CE - Декларация за съответствие по стандарт на EO
Izjava o skladnosti propisima EZ - Deklaracija dėl EB reikalavimų vykdymų - Vastavusdeklaratsioon EK - Paziņojums par atbilstību EK prasībām

NOI DICHIARIAMO CHE LA COSTRUZIONE DEL SEGUENTE PRODOTTO - WE DECLARE THAT THE FOLLOWING PRODUCT - LA SOCIÉTÉ DECLARE QUE LA CONSTRUCTION DU PRODUIT SUIVANT - WIR ERKLÄREN HIERMIT, DASS DIE KONSTRUKTION DES NACHFOLGEND AUFGEFÜHRTEN PRODUKTES NOSOTROS DECLARAMOS QUE LA CONSTRUCCIÓN DEL SIGUIENTE PRODUCTO - NÓS DECLARAMOS QUE A CONSTRUÇÃO DO PRODUCTO SEGUINTE WIJ VERKLAREN DAT DE CONSTRUCTIE VAN ONDERSTAAND PRODUCT - VI ERKLÆRER, AT KONSTRUKTIONEN AF NEDENSTÅENDE PRODUKT VI FÖRSÄKRAR ATT KONSTRUKTIONEN HOS FÖLJANDE PRODUKT - VAKUUTAMME, ETTÄ SEURAAVA TUOTE ON VALMISTETTU EMEİŞ ΔΗΛΩΝΟΥΜΕ ΟΤΙ Η ΚΑΤΑΣΚΕΥΗ ΤΟΥ ΠΑΡΑΚΑΤΩ ΠΡΟΪΟΝΤΟΣ - OŚWIADCZAMY, ŻE BUDOWA NASTĘPUJĄCEGO WYROBU MI POTVRĐUJEMO DA JE OVAJ PROIZVOD KONSTRUIRAN - IZJAVLJAMO, DA JE V NADALJEVANJU NAVEDEN PROIZVOD KJUELENTJÜK, HOGY AZ ALÁBBI TERMÉK SZERKEZETE - PROHLÁŠUJEME, ŽE VÝROBA TOHOTO VÝROBKU - PREHLASUJEME, ŽE VÝROBA TOHOTO VÝROBKU ЗАЯВЛЯЕМ, ЧТО КОНСТРУКЦИЯ ИЗДЕЛИЯ - VI ERKLÆRER AT KONSTRUKSJONEN AV DET FØLGENDE PRODUKTET - AŞAĞIDA BELİRTİLEN ÜRÜN İMALİNİN SE DECLARĂ CĂ DIN PUNCT DE VEDERE CONSTRUCTIV PRODUSUL - ДЕКЛАРИРАМЕ, ЧЕ ИЗРАБОТВАНЕТО НА СЛЕДНИЯ ПРОДУКТ MI POTVRĐUJEMO DA JE OVAJ PROIZVOD KONSTRUISAN - PAREIŠKIAME, KAD ŠIS PRODUKTAS - KINNITAME, ET JÄRGMINE TOODE MĚS PAZIŅOJAM, KA SEKOJOŠAIS PRODUKTS

È CONFORME ALLE SEGUENTI DISPOSIZIONI - WAS BUILT IN COMPLIANCE WITH THE FOLLOWING DISPOSITIONS
EST CONFORME AUX DISPOSITIONS SUIVANTES - MIT DEN FOLGENDEN VORSCHRIFTEN ÜBEREINSTIMMT
ESTÁ CONFORME CON LAS SIGUIENTES DISPOSICIONES - ESTÁ EM CONFORMIDADE COM AS SEGUINTE DISPOSIÇÕES
IN ÖVERENSTEMMING IS MET DE VOLGENDE BEPALINGEN - OPFYLDER FØLGENDE FORSKRIFTER
ÄR I ÖVERENSSTÄMMELSE MED FÖLJANDE FÖRESKRIFTER - ALLAQLEVIEN SÄÄDÖSTEN MUKAISESTI - ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΜΕ ΤΙΣ ΑΚΟΛΟΥΘΕΣ ΔΙΑΤΑΞΕΙΣ
JEST ZGODNA Z NIŻEJ WYMIENIONYMI NORMAMI - U SKLADU SA SLIJEDEČIM PROPISIMA - V SKLADU S SLEDEČIMI ODREDBAMI
MEGFELÉLŐ AZ ALÁBBI RENDELETKEKNEK - JE V SOULADU S NÁSLEDUJÍCIMI SMĚRNICEMI - JE V SŮLADĚ S NÁSLEDOVNÝMI SMERNICAMI
ОТВЕЧАЕТ ТРЕБОВАНИЯМ СЛЕДУЮЩИХ НОРМАТИВОВ - ER I ÖVERENSSTEMMELSE MED FØLGENDE BESTEMMELSER
İZLEYEN KURALLARA UYGUNLUĞUNU BEYAN EDERİZ - A FOST EXECUTAT CONFORM DISPOZIȚIILOR
Е В СЪОТВЕТСТВИЕ СЪС СЛЕДНИТЕ РАЗПОРЕДБИ - U SKLADU SA SLEDEČIM PROPISIMA - PAGAMINTAS, REMIANTIS SEKANČIOMIS DIREKTYVOMIS
ON VALMISTATUD KOOSKÓLAS JÄRGMISTE DIREKTIIVIDEGA - TIKĀ IZGĀTAVOTS ATBILSTOŠI SEKOJOŠĀJĀM DIREKTĪVĀM

2006/42/CE - 2004/108/CE - 2006/95/CE - 2000/14/CE (Annex VI - proc. 1)

EN 1012-1 - EN 60204-1 - EN 60335-1 - EN 55014-1 - EN 55014-2 - EN 61000-3-2 - EN 61000-3-3

ED AUTORIZIAMO - AND WE AUTHORIZE - ET NOUS AUTORISONS - UND WIR GENEHMIGEN - Y AUTORIZAMOS - E AUTORIZAMOS - EN WIJ GEVEN TOESTEMMING - HERVED GODKENDER VI - OCH VI GODKÄNNER - JA ANNAME LUVAN - ΚΑΙ ΕΞΟΥΣΙΟΔΟΤΟΥΜΕ - UPOWAŻNIAMY - I OVLAŠČUJEMO IN DOVOLJUJE SE, DA SE - ES FELHATALMAZZUK - A POVOLJUJEME - A AUTORIZUJEME - И РАЗРЕШАЕМ - OG VI AUTORISERER - VE YETKILI KILMĀTĀYIZ SI AUTORIZĀM - ДАВА СЕ РАЗРЕШЕНИЕ - I OVLAŠČUJEMO - IR DUODAME LEIDIMA - JA VOLITAME - UN MĒS PILNVAROJAM

AMANTE GAETANO - via Einaudi, 6 - Robassomero (TO) 10070 ITALY

A COSTITUIRE IL FASCICOLO TECNICO PER NOSTRO CONTO - TO DRAW UP THE TECHNICAL FILE ON OUR BEHALF - À RÉALISER LE FASCICULE TECHNIQUE POUR NOTRE COMPTE - DIE TECHNISCHE BROSCHÜRE AUF UNSERE RECHNUNG ZU GRÜNDEN - LA CREACIÓN DEL EXPEDIENTE TÉCNICO A NUESTRO NOMBRE - A FORMAR O FASCÍCULO TÉCNICO POR NOSSA CONTA - HET TECHNISCHE DOSSIER NAMENS ONS OP TE STELLEN - OPRETTELSE AF DET TEKNISKE HÆFTE PÅ VORES VEGNE - ATT SKAPA DEN TEKNISKA DOKUMENTATIONEN Å VÅRA VÄGNAR - TEKNISEN OPPIAAN LAATIMISELLE PUOLESTAMME NA ΔΗΜΙΟΥΡΓΗΣΕΙ ΤΟ ΤΕΧΝΙΚΟ ΦΑΚΕΛΟ ΓΙΑ ΛΟΓΑΡΙΑΣΜΟ ΜΑΣ - DO WYKONANIA DLA NAS TECZKI TECHNICZNEJ - FORMIRANJE TEHNIČKIH UPUTA ZA NAŠ RAČUN - NA NAŠ RAČUN IZDELA POPOLNO TEHNIČNO DOKUMENTACIJO - HOGY RÉSZÜNKRE ELKÉSZÍTSE A MŰSZAKI DOKUMENTÁCIÓT VYTVOŘIT TECHNICKOU SLOŽKU NA NAŠ ÚČET - VYTVOŘIT TECHNICKŮ ZLOŽKU NA NAŠ ÚČET - СОСТАВЛЯТЬ ТЕХНИЧЕСКУЮ БРОШЮРУ ВМЕСТО НАС ТІЛ А УТВОРИМЕ ДЕН ТЕХНІСКЕ ДОКУМЕНТАСІОНЕН FOR OSS - BIZIM HESABIMIZA TEKNİK BİR FASİKÜLÜN OLUSTURULMASINA - SĀ SE REALĪZEZE PENTRU NOI BROŠŪRA TEHNIČĀ - ЗА СЪСТАВЯНЕ НА ТЕХНИЧЕСКО РЪКОВОДСТВО ОТ НАШЕ ИМЕ - PRAVLJENJE TEHNIČKIH UPUTSTAVA PO NAŠEM NALOGU MUMS PARENGTI TECHNINĀJ APRĀŠĀ - MEIE NIMEL TEHNILISE BROŠŪURI KOOSTAMIST - IZSTRĀDĀT MŪSU VĀRDĀ TEHNISKO INFORMĀCIJU


Gaetano Amante

Robassomero, 16/07/2010

Consigliere delegato - Deputy director - Conseiller délégué - Geschäftsleitung - Consejero delegado - Conselheiro delegado
Gernachtigd lid van de Raad van Bestuur - Juridisk ombud - Juridisk ombud - Varaohjaja - Πληρεξούσιος διαχειριστής
Pelnomocnik - Zastupnik - Zastopnik - A välalalt tanácsosa - Pověřený poradce - Povolený poradca - Уполномоченный советчик
Autorisert tekniker - Yönetim kurulu başkanı - Consilier delegat - Упълномощен съветник - Zastupnik - Administratorius
Delegeeritud nõunik - Pilnvarots padomdevējs

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