

固液油水分離處理系統

Solid-liquid oil-water separation treatment system



優淨能源科技股份有限公司

UG ENERGY TECHNOLOGY CO.,LTD.

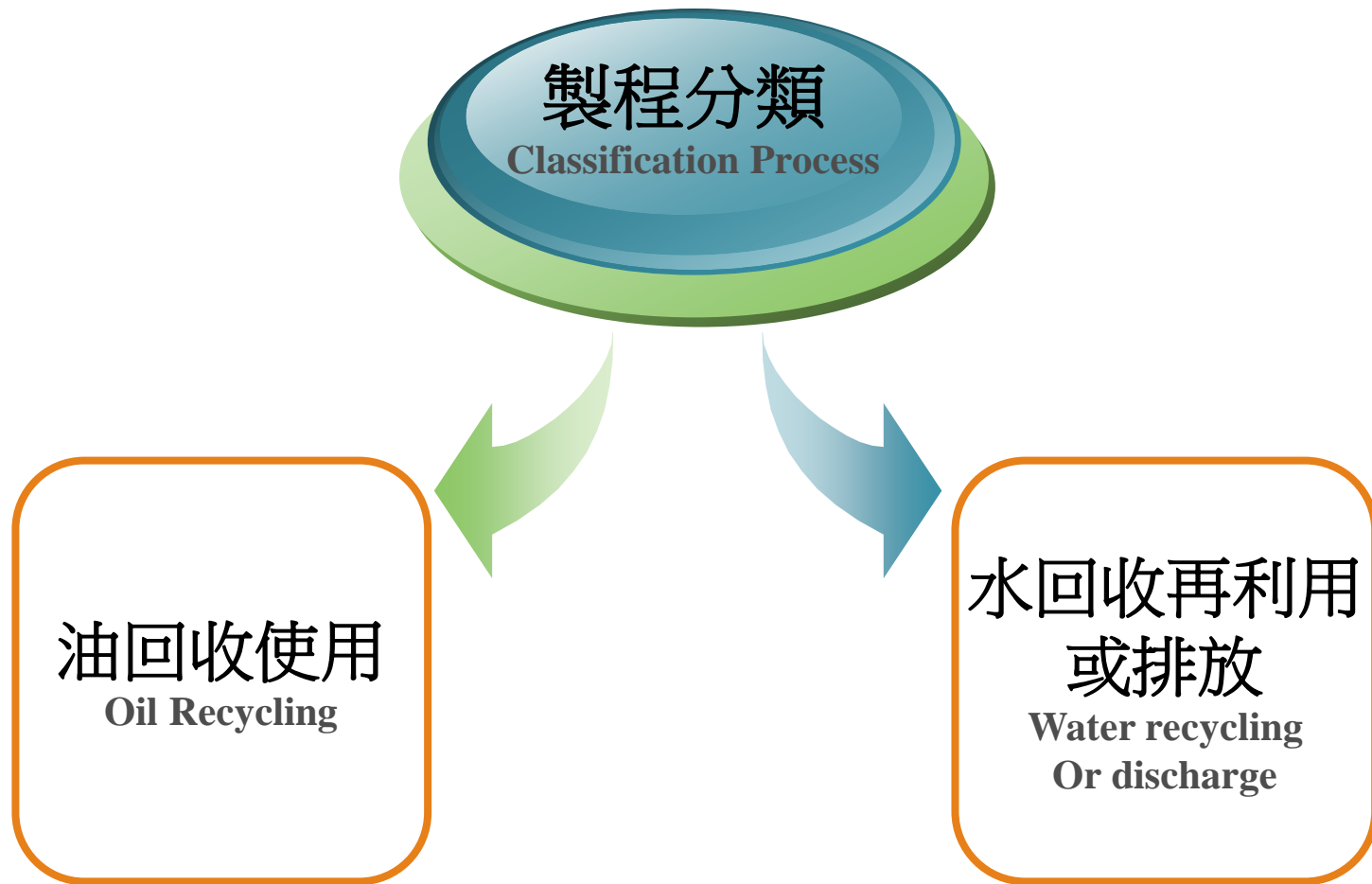
大綱說明

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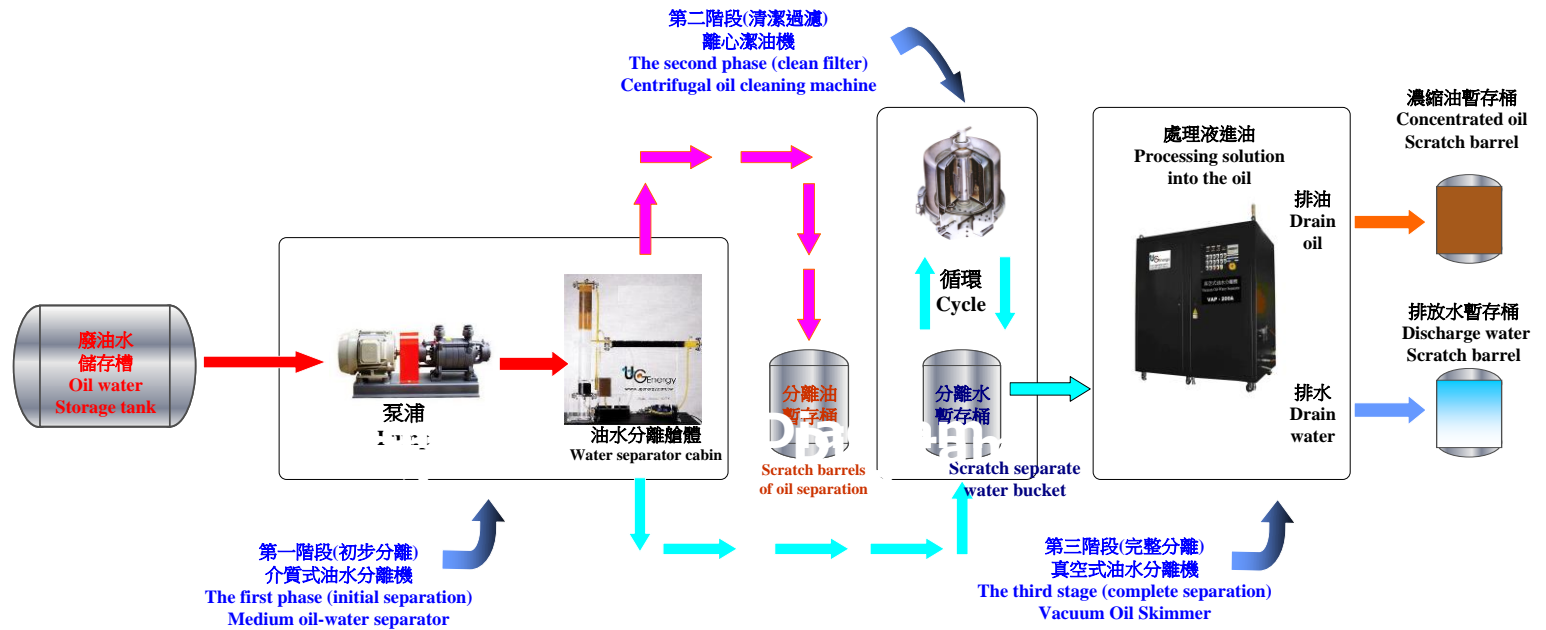
油水分離的製程

Oil-water separation process



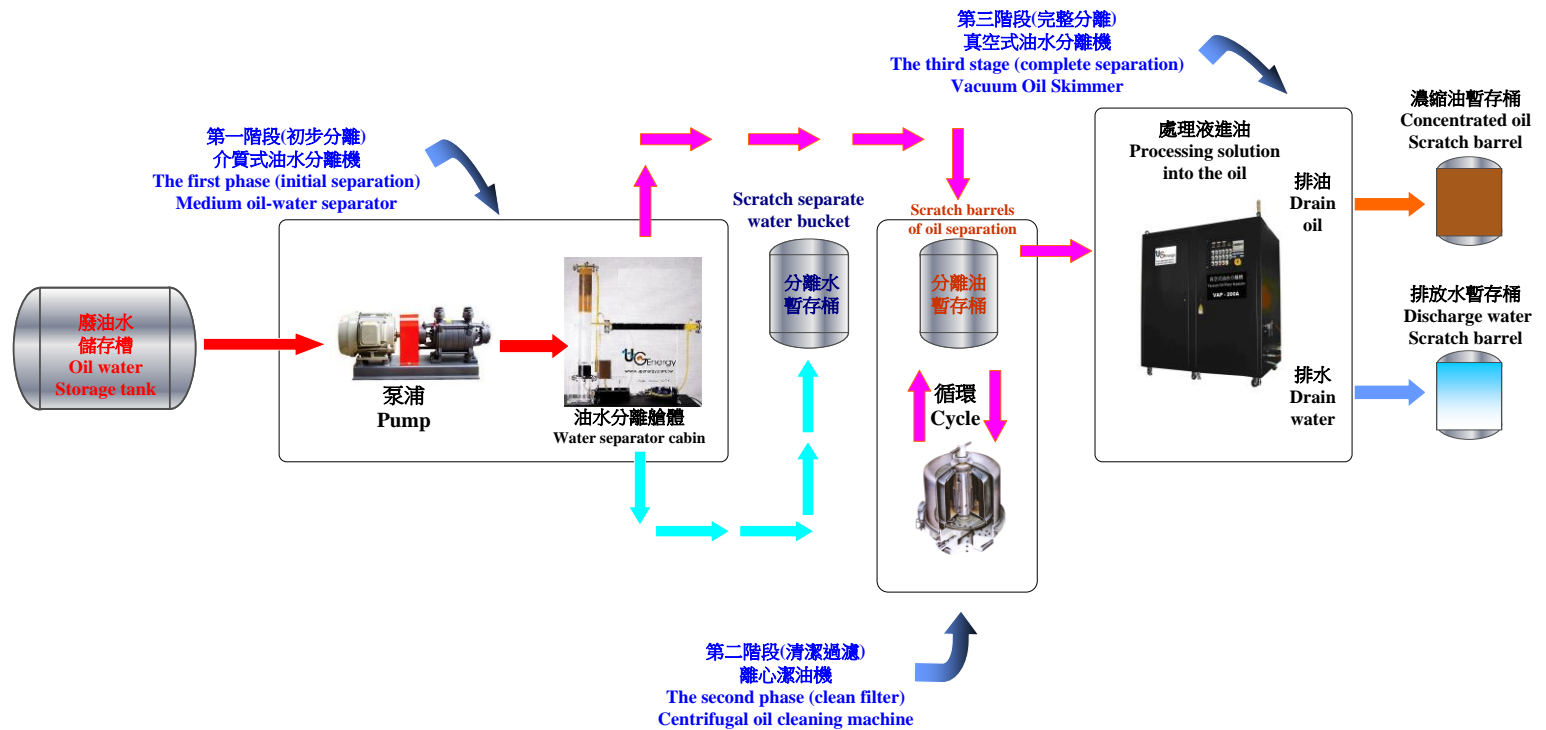
油水分離的製程圖示（一）

Oil-water separation process diagram



油水分離的製程圖示（二）

Oil-water separation process diagram



製程說明

Process Description

● 第一階段（介質式）處理後，油的含水率可降至10%以內。

After the first stage (media type) treatment, the moisture content of the oil can be reduced to less than 10%.

● 第二階段（高速離心）取出油內的『固態物』，有清潔油品的效用。

The second stage (high-speed centrifugation) removing the oil inside the "solids", the effectiveness of a cleaning oil.

● 第三階段（真空式）處理：
依廠方需求。

The third stage (vacuum type) treatment:
According to the needs of the factory.

(1)選擇將油內10%的水取出

Select the oil within 10% of the water removed

(2)選擇將水內10%的油取出

select the 10 percent of the oil in the water removed

介質式油水分離機

Medium oil-water separator

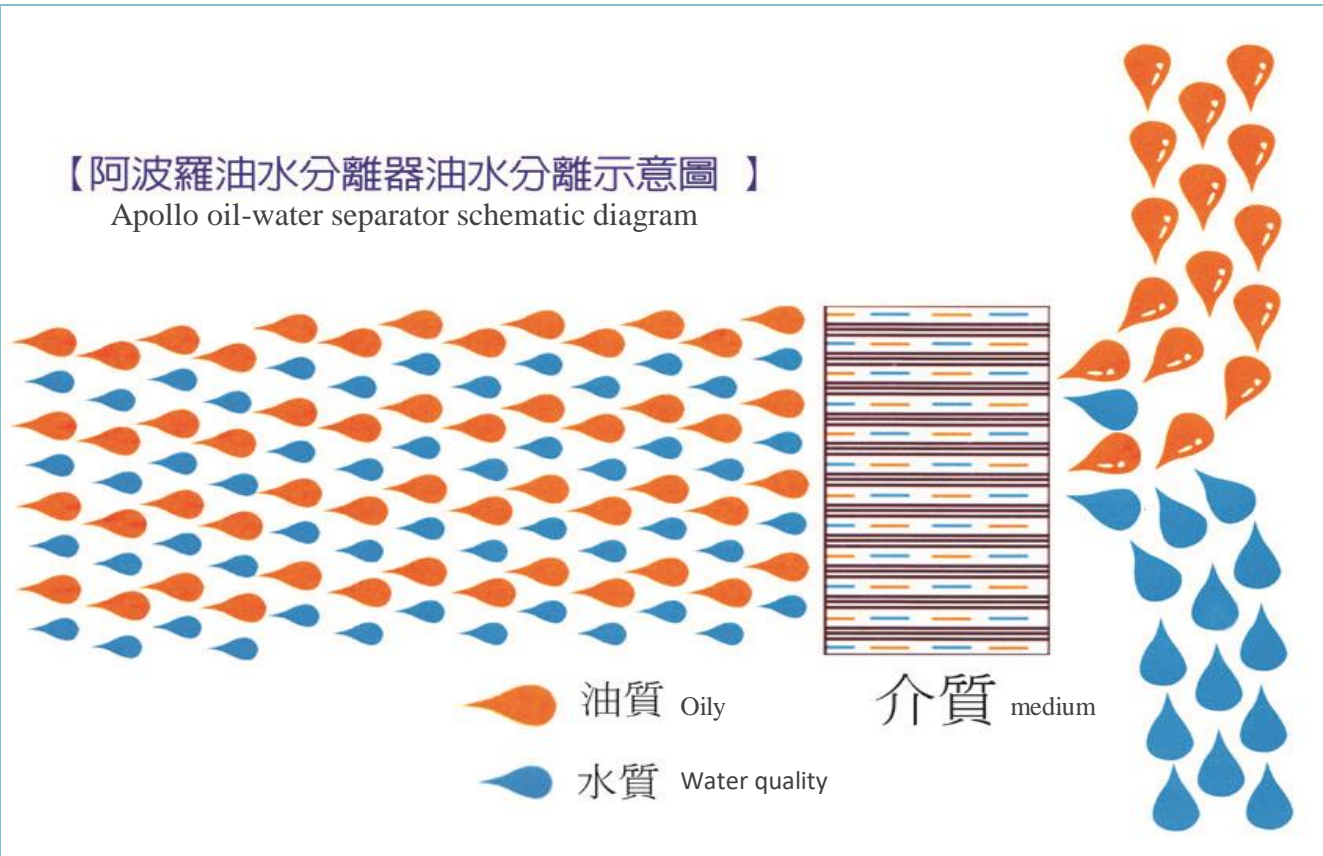


介質式油水分離機

Medium oil-water separator

【阿波羅油水分離器油水分離示意圖】

Apollo oil-water separator schematic diagram



介質式油水分離機 Medium oil-water separator

阿波羅油水分離器之技術宣告 Apollo oil-water separator technology announcement

◆阿波羅油水分離器，擁有世界最先進之油水分離技術，不論在製造過程或含油

◆ Apollo oil-water separator has the world's most advanced oil-water separation technology, regardless of the manufacturing process or oil content

廢水處理，皆可讓您得到滿意之解決。

Wastewater treatment, you can get a satisfactory solution.

◆阿波羅油水分離器，如何將油水分離？

◆ Apollo oil-water separator, how to separate oil and water?

阿波羅油水分離器，利用其專利凝聚介質中同時具有親油性及親水性之物質，凝

Apollo oil-water separator utilizes its patented condensing medium to have both lipophilic and hydrophilic substances.

聚任何微小單位之油滴與水滴，使其分別聚合放大至1000倍以上，而加速油滴上

Gather the oil droplets and water droplets of any tiny unit, make them polymerize and magnify more than 1000 times, and accelerate the oil droplets.

升與水滴下沉速度，迅速形成油與水的分離，效果可達10ppm以下。

The rate of rise and drop of water drops quickly forms the separation of oil and water, and the effect can reach below 10ppm.

介質式油水分離機

Medium oil-water separator

阿波羅油水分離器之特色

- 高效率-分離效率Free oil可達10PPM以下，達到世界各先進國家城市的排放標準。
- 操作簡易-可加裝各種儀控設備，24小時運作無需人員看管。
- 高處理量、占地少-可設計任何處理量，從1GPM至10000GPM，其體積小可節省許多空間。
- 低維護-凝聚介質可多年連續使用，無需更換，保養只需2~3年清洗一次即可，主機本體沒有機械運轉之零件，因此維護成本相當低。
- 設計之變通性-可依客戶不同的需求做出設計，你可以選擇不同的材質，及各種儀控設備。
- 適用範圍-液體源中包含任何兩種互不相容之液體均可適用如油與水。此機可處理機械性乳化油，並能對化學性乳化油作非直接性的處理。化學性乳化油可先破壞其安定性再經此油水分離器處理，則可達標準。

Features of Apollo oil-water separator

- High efficiency-Separation efficiency Free oil can reach below 10PPM, reaching the emission standards of cities in advanced countries in the world.
- Easy to operate-Various instrument control equipment can be installed, no need to be watched by 24 hours operation.
- High processing capacity and small footprint-any processing capacity can be designed, from 1GPM to 10000GPM, its small size can save a lot of space.
- Low maintenance-The condensing medium can be used continuously for many years without replacement. The maintenance only needs to be cleaned once every 2 to 3 years. The main body of the machine has no mechanical parts, so the maintenance cost is quite low.
- Flexibility of design-design can be made according to different needs of customers. You can choose different materials and various instrumentation equipment.
- Scope of application-The liquid source contains any two incompatible liquids, such as oil and water. This machine can process mechanical emulsified oil, and can do indirect treatment of chemical emulsified oil. Chemical emulsified oil can first destroy its stability and then be processed by this oil-water separator to reach the standard.

介質式油水分離機 Medium oil-water separator



介質式油水分離機

Medium oil-water separator

獨家特有產品

excellent exclusive unique product

(1) 操作簡易、效果其佳，處理的水質可達10ppm以下。

Easy to operate, the effect of which is good, water treatment up 10ppm or less.

(2) 可加裝各種儀控設備 24 小時運作，無需人員看管。

Can be equipped with a variety of instrumentation and control equipment
24 hours of operation, without staff care.

(3) 主機本體內沒有機器運轉之零件，維修成本相當低。

The body is not the host machine running the parts, maintenance cost is very low.

高速離心潔油機

High-speed centrifugal oil filter

- 處理量：2,400公升/小時

Capacity: 2,400 liters / hour

- 輸送壓力:

Delivery pressure

MIN 3 Kg/cm²

MAX 8 Kg/cm²

- 雜質容量：2公升

Impurities capacity: 2 liters

- 耐高溫：150 °C

High temperature: 150 °C



高速離心潔油機

High-speed centrifugal oil filter

無需更換零件

操作簡單，只需鬆開頂蓋，移開套子，然後提取出轉軸，
穢物與污染物已被擠成一塊，這些塊狀物質極易被取出，
然後檢查兩個“O”環並重新組合回去，容易、簡單而快速。

你的過濾器將得以保持長久，而購買一般的過濾器已是一件過時的事。

No need to replace parts

Simple operation, just loosen the top cover, remove the sleeve, and then extract the shaft,

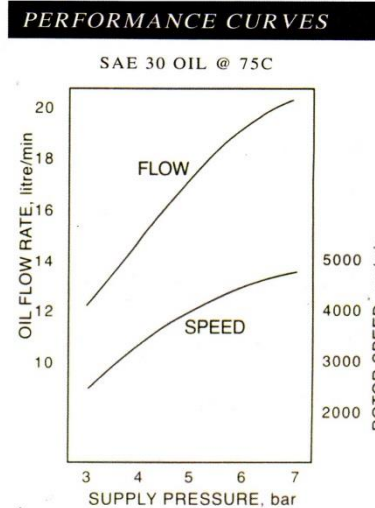
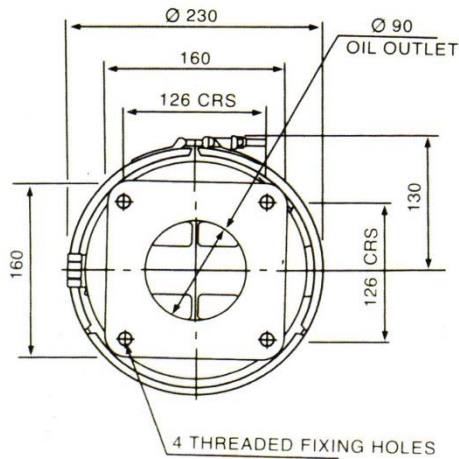
Filth and pollutants have been squeezed into one piece, and these block materials can be easily removed.

Then check the two "O" rings and recombine them back, easy, simple and fast.

Your filters will last forever, and buying regular filters is an outdated thing.

高速離心潔油機

High-speed centrifugal oil filter



高速離心潔油機 High-speed centrifugal oil filter

在一般油過濾器無法拿掉的鐵粉、鋼粉和砂、碳、油泥等等通通交給APOLLO高速離心機，來為您清潔您的油品。

▲延長您換油的時間間隔，增加機器零組件及模具等壽命。

▲無環保問題，所收集的穢物是乾燥塊狀，

極易被清除依一般物丟棄，而不是油泥。

▲APOLLO高速離心潔油器只取出油中的雜質，完全不影響油品的添加劑。



Iron powder, steel powder and sand, carbon, sludge, etc. that cannot be removed in ordinary oil filters

All passes to APOLLO high speed centrifuge to clean your oil for you.

▲ Extend the interval between your oil changes and increase the life of machine components and molds.

▲ No environmental issues, the collected garbage is dry and blocky,

It can be easily discarded as usual, not sludge.

▲ APOLLO high-speed centrifugal oil cleaner only removes impurities in the oil, and does not affect the oil additives at all.

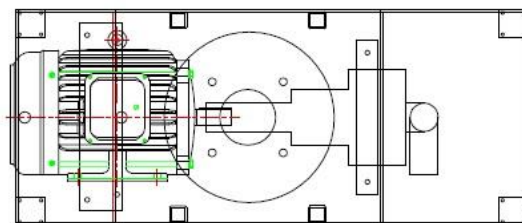
高速離心潔油機

High-speed centrifugal oil filter



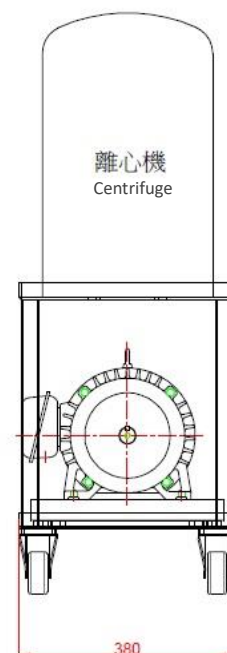
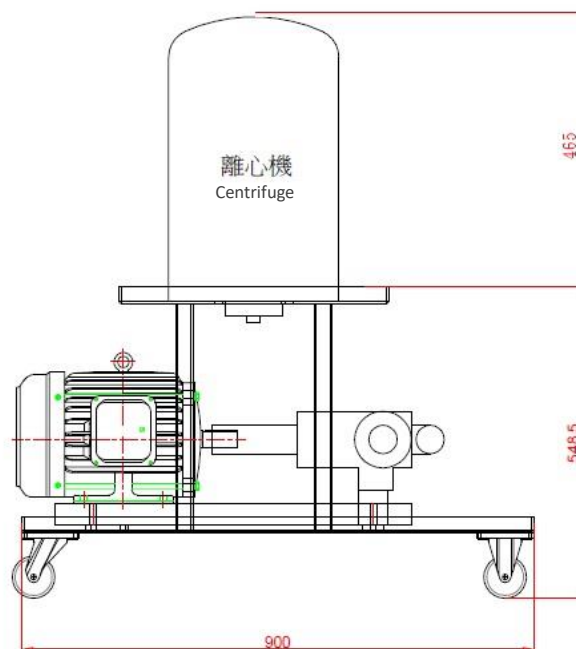
型 號 model	AP-600	AP-400	AP-200	AP-60
處理量 Throughput liter(公升)/hr (小時)	4800L/hr	3000L/hr	2400L/hr	700L/hr
管牙油進口 口徑 Tubing oil inlet caliber	公制 (1") 25.4mm Metric	公制 (1") 25.4mm Metric	公制 (1/2") 4分 Metric	公制 (3/8") 3分 Metric
雜物儲存量 Debris storage	6530cm ³	4160cm ³	2000cm ³	950cm ³
馬達泵浦 (pump) 選擇 select	3HP or 5HP 80L/分鐘 minute	2HP 50L/分鐘 minute	1.5HP 40L/分鐘 minute	1HP 15L/分鐘 minute
離心轉速 Centrifugal speed	大於 4250rpm more than the	大於 5000rpm more than the	大於 6000rpm more than the	大於 6500rpm more than the
重量 (NET) weight	35kg	25kg	11kg	4kg

高速離心潔油機 High-speed centrifugal oil filter



AP-600平面圖 Floor plan

單位：mm Unit:mm



高速離心潔油機

High-speed centrifugal oil filter

(1) 轉速達6000rpm以上。

Speed up to 6000rpm or more.

(2) 離心力為重力的2,000倍。

2,000 times the centrifugal force of gravity.

(3) 小到1 μ m 的微粒皆可取出。

Particles as small as 1 μ m Jieke removed.

(4) 油品的清潔級數可達到NAS 5級。

Oil cleaning stages can be achieved NAS 5.

(5) 藉著輸送油液的動力即可高速運轉，所耗能源電力相當微小。

Through power transmission fluid capable of high speed operation, The consumption of energy and electricity is quite small.

真空式油水分離機

Vacuum oil-water separator



真空式油水分離機 Vacuum oil-water separator



真空式油水分離機

Vacuum oil-water separator

- 在真空的條件下，運用膨脹、凝聚、分子吸附、真空乾燥、機械過濾、自動控制等技術的組合，去除油水中的水分、雜質、皂類、酸值、膠質等。

Under vacuum conditions, the use of expanded, condensed, molecular adsorption, vacuum drying, combination of mechanical filtration, automatic control technology, the removal of water in the water, impurities, soap, acid value, gum and the like.

- 將已乳化的油水破乳化、透明化，使處理後的水達到合格的排放標準，油品則可以達到回收之標準。

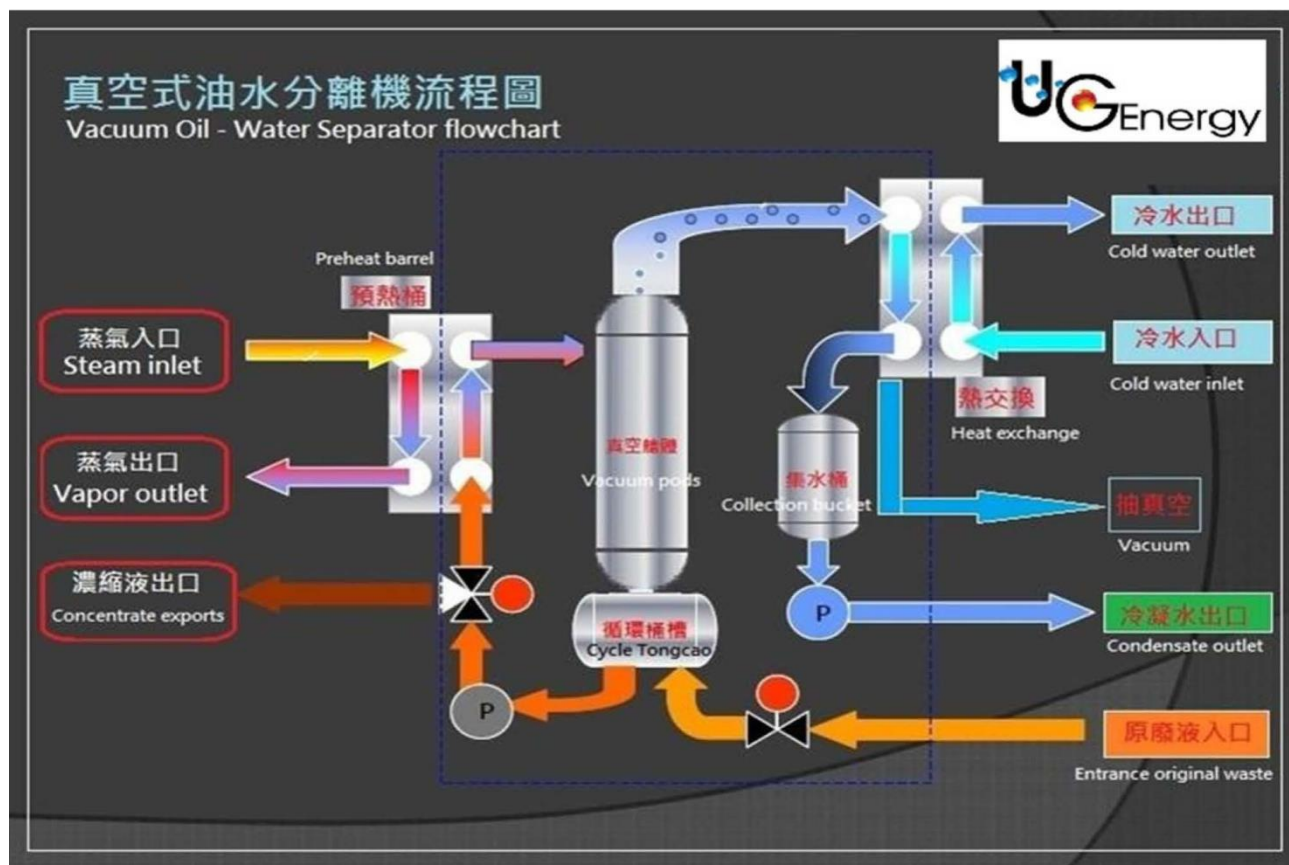
The emulsified oil and water emulsion breaking, transparent, so that the treated water reached the required emission standards, the oil can be recovered up to standard.

真空式油水分離機

Vacuum oil-water separator

真空式設備運轉

Vacuum equipment operation



微過濾固液分離機 Microfiltration solid-liquid separator



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微過濾固液分離機 Microfiltration solid-liquid separator



自動逆洗過濾機 Automatic backwash filter



UGF-160型 全(半)自動逆洗過濾機
UGF-160 Full (Semi) Automatic Backwash Filter

機台材質 Machine material	機台架SUS304過濾筒 SUS304內襯TEFLON SUS304 filter cartridge SUS304 lined with TEFLON					
機台尺寸 Machine size	長135X寬135X高210cm Length 135X width 135X height 210cm			總重量 total weight	480Kg	
馬力 motor	過濾馬達5HP(3.7Kw),洗淨馬力鼓風機3HP(2.2Kw)減速馬達1HP(0.75w)加壓泵0.5HP Filter motor 5HP (3.7Kw), clean blower 3HP (2.2Kw) reduction motor 1HP (0.75w) booster pump 0.5HP					
電力 Electric power	電壓3Φ,220V,380V,415V,440V,電控系統3Φ,220V · (50HZ,60HZ) Voltage 3Φ, 220V, 380V, 415V, 440V, electrical control system 3Φ, 220V					操作最大馬力5HP maximum power 5HP
過濾量 Filtration	600L/min			適用鍍液槽 Applicable bath	10 m³ (10,000L)	
濾材 Filter	PPG16片 PPG16 tablets	濾布 Filter cloth	PP針織布 PP knitted fabric	過濾面積 Filtration area		5.5m²/tablet
配管口徑 Piping caliber	過濾出入口 Filter in(out)	50A(2")	洗淨排放口 Wash drain	50A(2")	自來水給水 clean water	32A(1")

自動逆洗過濾機 Automatic backwash filter

本公司從事多年耐酸鹼過濾設備製造，

The company has been engaged in the manufacture of acid and alkali resistant filtering equipment for many years.

致力提升過濾效果及節省人力的研發，

R & D dedicated to improving filtration results and saving manpower,

至今成功開發自動逆洗過濾機為革命性自動化工業設備。

So far, the automatic backwash filter has been successfully developed as a revolutionary automated industrial equipment.

本設備具超精密過濾效果及大流量過濾速度，

This equipment has ultra-precision filtering effect and large flow filtering speed.

並可容納大量添加物如:活性炭、過濾助劑。

And can accommodate a large number of additives such as: activated carbon, filter aids.

強大的噴流沖洗，逆洗快速節省時間及廢水量並達到最好

Powerful jet flushing, backwashing quickly saves time and waste water and achieves the best

清洗效果。

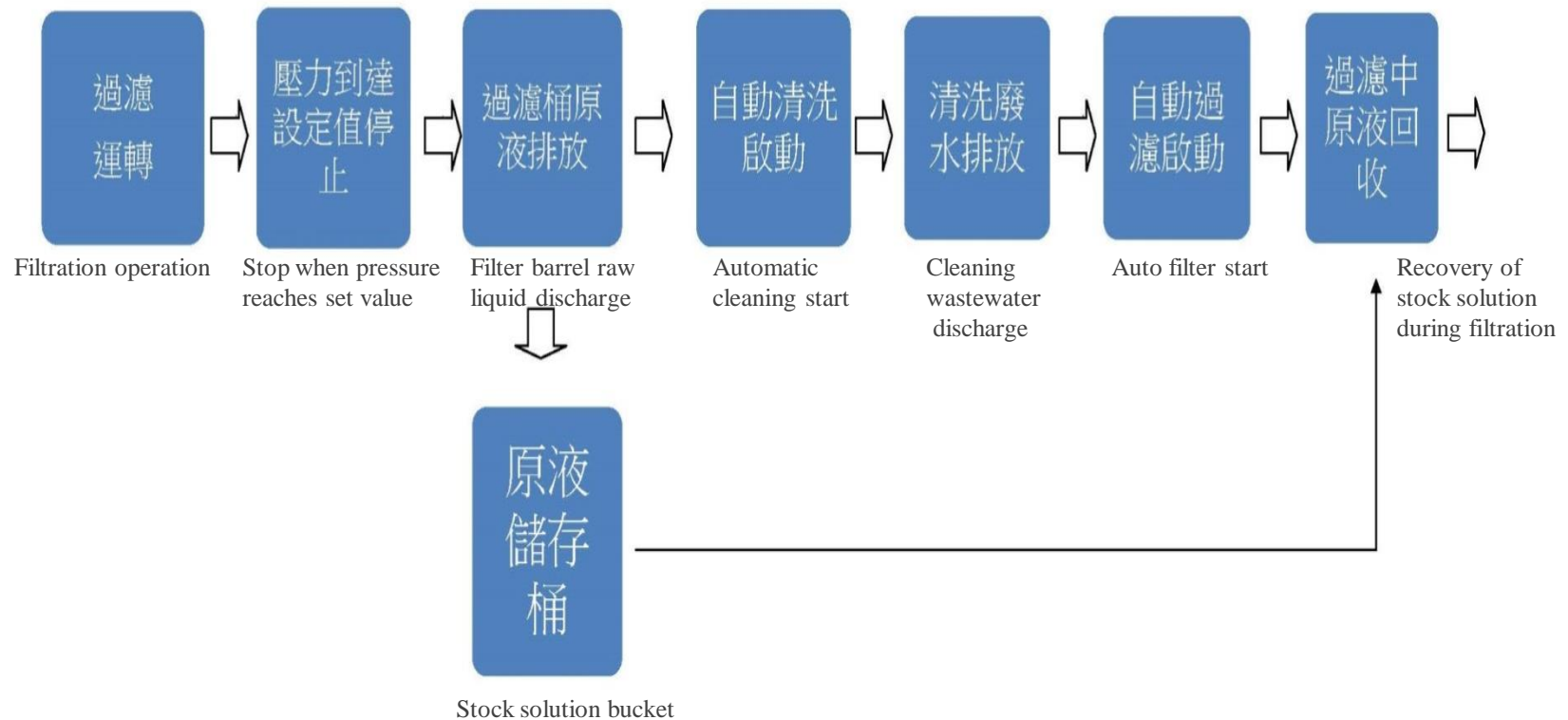
Cleaning effect.



自動逆洗過濾機 Automatic backwash filter

自動逆洗過濾機、過濾、洗淨流程

Automatic backwash filter, filtration, washing process



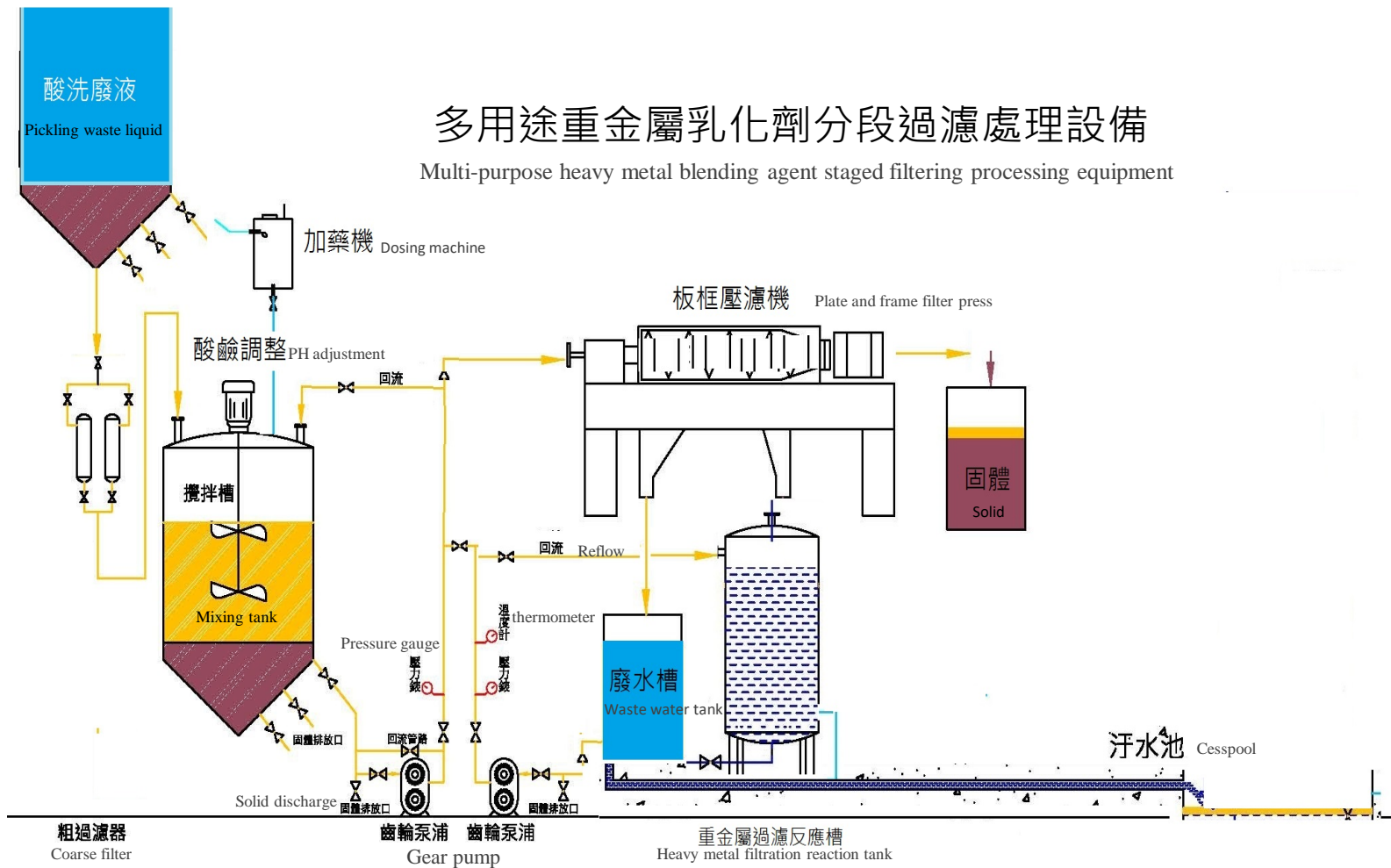
自動逆洗過濾機 Automatic backwash filter

自動逆洗過濾機與傳統式過濾機比較表

Comparison table between automatic backwash filter and traditional filter

	半自動全自動逆洗過濾機 Semi-automatic fully automatic backwash filter	傳統式過濾機 Traditional filter
過濾量與過濾效果 Filtration versus Filtering effect	過濾量600l/min，最大壓力3.5Kg持續過濾時間長，出水量大，濾材密合度高，過濾效果達90%以上，一台可抵傳統式60K過濾機三台效果。 The filtering capacity is 600l / min, the maximum pressure is 3.5Kg, and the continuous filtering time is long, the water output is large, the filter material has a high degree of tightness, and the filtering effect is more than 90%. One can reach three effects of the traditional 60K filter.	過濾量330l/min，最大壓力1.8Kg，壓力耗損大，壓力1Kg後出水量變很小，容易阻塞無法出水，需時常清洗濾材容易破損，密合度差過濾效果60%以下。 The filtering capacity is 330l / min, the maximum pressure is 1.8Kg, and the pressure loss is large. After 1Kg of pressure, the water output becomes small, it is easy to block and cannot be discharged. The filter material needs to be cleaned from time to time.
馬力節能與清洗人力 motor versus Cleaning manpower	過濾馬力5HP，有壓力設定開關及時間設定開關，設定值到達自動停機，亮指示燈，不會造成馬達空轉浪費能源。清洗方式全自動逆洗，不須人員操作及拆卸過濾機，人機電腦自動控制清洗，自動啟動過濾，清洗一次廢水量約60~100L。 Filter horsepower 5HP, there are pressure setting switch and time setting switch. When the set value reaches the automatic stop, the indicator light will be on, which will not cause the motor to idle and waste energy. The cleaning method is fully automatic backwashing, without the need for personnel to operate and disassemble the filter. The man-machine computer automatically controls the cleaning, automatically starts the filtration, and the amount of wastewater to be washed once is about 60 ~ 100L.	過濾馬力3HPX3台=9馬力，過濾阻塞馬達繼續運轉，浪費能源嚴重阻塞造成氣爆。清洗方式，人力拆卸過濾機，清洗耗材耗時耗力，清洗3台約2小時，廢水量大好幾倍。 Filtering motor 3HPX3 = 9 motor, the filter blocking motor continues to run, wasting energy and causing serious blockage and causing gas explosion. Cleaning method: Manually dismantling the filter, cleaning the consumables is time-consuming and labor-intensive, and cleaning 3 sets takes about 2 hours, and the amount of wastewater is several times larger.
濾材耗損 Filter wear	因不須人員拆卸清洗濾材濾布，不會造成磨損或拆卸造成損壞，耐用性佳，約一年更換一次。 Because there is no need to disassemble and clean the filter media, the filter cloth will not cause wear or damage due to disassembly, and has good durability. Replace about once a year.	因需時常拆卸清洗，造成破壞及磨損影響組裝的密合性，導致過濾效果差，濾布需時常更換 Due to frequent disassembly and cleaning, damage and wear will affect the tightness of the assembly, resulting in poor filtering effect, and the filter cloth needs to be replaced frequently.
周邊設備連線控制 Peripherals Connection control	如攪拌槽液位控制，藥品添加定量泵浦控制。如雙氧水或其他藥水可依客戶需求搭配控制可節省能力。 Such as mixing tank liquid level control, medicine addition quantitative pump control. Such as hydrogen peroxide or other potions can be matched with the control according to customer needs to save capacity.	傳統式過濾機無此功能。 Traditional filters do not have this feature.

多用途重金屬調合劑 Multi-purpose heavy metal blending agent



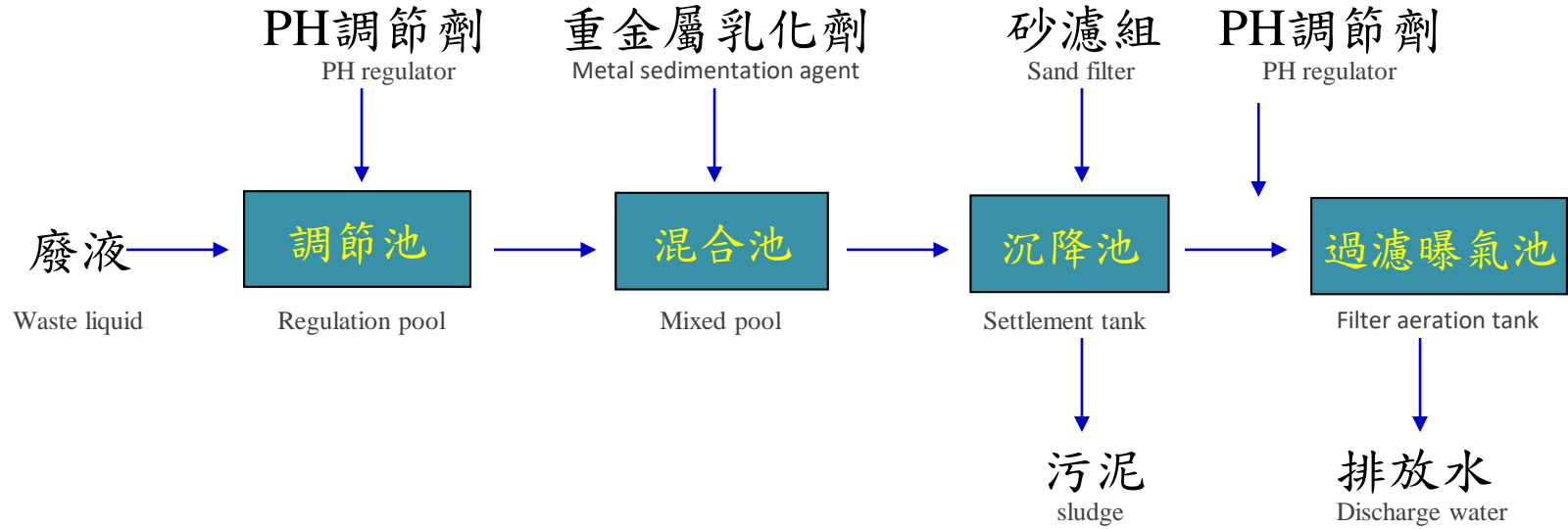
多用途重金屬調合劑 Multi-purpose heavy metal blending agent

技術能量與應用

Technology Energy and Application

✦ 廢液的脫六價鉻處理 Dehexavalent chromium treatment of waste liquid

✦ 六價鉻廢液 Hexavalent chromium waste liquid



多用途重金屬調合劑 Multi-purpose heavy metal blending agent

技術能量與應用

Technology Energy and Application

- 六價鉻調和劑 Hexavalent chromium blender



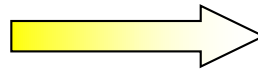
含Cr042-原溶液

體積 1000 mL

濃度 1000 ppm

Cr042-original solution
1000ml volume
1000ppm concentration

調和劑0.45%



Blending agent 0.45%



脫除後Cr042-溶液

體積 1000 mL

濃度 <0.5 ppm

Cr042-solution after removal
1000ml volume
Concentration <0.5ppm

多用途重金屬調合劑

Multi-purpose heavy metal blending agent

● 酸洗廢液

Pickling waste liquid



處理前

Before processing

金屬調和劑

Metal conditioner



處理後

After processing

多用途重金屬調合劑

Multi-purpose heavy metal blending agent

● 酸洗廢液

Pickling waste liquid



加
金
屬
調
和
劑

Add metal blending agent



分
離

Minute From



多用途重金屬調合劑

Multi-purpose heavy metal blending agent

SGS 台灣檢驗科技股份有限公司高雄分公司
行政院環保署許可證字號：環署環檢字第 105 號
水質樣品檢驗報告

委託單位： 有限公司
業 別： *
樣品基質：廢水原液
樣品編號：AW8042401
採樣單位：委託單位自行送樣
採樣地點： *

10 時 00 分
16 時 42 分

<1.0(22.2℃)
128000 (mg/L)

是否認可	檢驗項目	檢驗值 (單位)	檢驗方法	備註
*	pH	<1.0(22.2℃)	NIEA W424.52A	備註 6.
*	鐵	128000 (mg/L)	NIEA W311.53C	
	以下空白			

備註：1.本報告已由核可報告簽署人審核無誤，並簽署於內部報告文件，簽署人如下：
無機檢測類：高孔理(IGI-01)/賴新芳(IGI-03)/張弘澤(IGI-09)。
2.本報告共 1 頁。
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5.本樣品由委託單位自行送樣，本報告僅對該樣品負責，不得隨意複製及作為宣傳廣告之用。
6.分析結果為實驗室之檢驗值非現場分析，檢測數據僅供參考。
7.上述樣品不符合保存方法，本報告不得作為法規用途僅供參考。
8.採樣時間由委託單位提供。

聲明書
(一) 茲保證本機構檢驗室分析之樣品，自本檢驗室收樣至報告發出之過程，係在委託人/申報人指示下，以本公司人員最佳之專業知能，完全依照行政院環境保護署及有關機關之標準方法及品保品管等相關規定，秉持公正、誠實進行採樣、檢測，絕無虛偽不實，如有違反，就政府機關所受損失願負連帶賠償責任之外，並接受主管機關依法令所為之行政處分及刑事處罰。
(二) 吾人瞭解如自身政府機關委任從事公務，亦屬於刑法上之公務員，並瞭解刑法上圖利罪、公務員登載不實偽造文書及貪污治罪條例之相關規定，如有違反，亦為刑法及貪污治罪條例之適用對象，願受該罪之法律制裁。

公司名稱：台灣檢驗科技股份有限公司高雄分公司
負責人：楊麗山
檢驗室主管：劉士萍

SGS Taiwan Ltd. No. 81, Ke-Fu Road, Nanzih Export Processing Zone, Kaohsiung, Taiwan / 高雄南梓加工出口區南梓路81號
T (086) 71 301 2121 F (086) 71 301 2897 www.sgs.tw Member of SGS Group

SGS 台灣檢驗科技股份有限公司高雄分公司
行政院環保署許可證字號：環署環檢字第 105 號
水質樣品檢驗報告

委託單位： 有限公司
業 別： *
樣品基質：廢水#2
樣品編號：AW8042403
採樣單位：委託單位自行送樣
採樣地點： *

10 時 00 分
16 時 42 分

10.0(22.0℃)
2.20 (mg/L)

是否認可	檢驗項目	檢驗值 (單位)	檢驗方法	備註
*	pH	10.0(22.0℃)	NIEA W424.52A	備註 6.
*	鐵	2.20 (mg/L)	NIEA W311.53C	
	以下空白			

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多用途重金屬調合劑

Multi-purpose heavy metal blending agent

優劣比較如下：

The advantages and disadvantages are as follows:

	傳 統 Traditional	重金屬調和劑 Heavy metal blender
1.設備投資 Equipment investment	3條處理線 3 processing lines 3套監控設備 3 sets of monitoring equipment	僅需2條處理線 Only 2 processing lines required 2套監控設備 2 sets of monitoring equipment
2.所需處理材料 Required processing materials	藥劑繁多，容易犯錯誤，且使用量大。 Many medicines, easy to make mistakes, and large quantities.	重金屬調和劑單一材料使用簡單，且無需其他原料，重金屬種類可去除95%以上。 The single material of heavy metal blending agent is simple to use and does not require other raw materials. The heavy metal species can be removed by more than 95%.
3.產生之廢污泥 Waste sludge produced	污泥量大，約需處理劑產生污泥量之3~5倍，且有害廢棄物之污泥處理費用高。 Large amount of sludge, about 3 to 5 times the amount of sludge required by the treatment agent, and high sludge treatment costs for hazardous waste.	污泥量少，僅為傳統污泥量之1/3~1/5。 Low sludge volume, only 1/3 ~ 1/5 of traditional sludge volume.
4.廢水處理速度(量) Wastewater treatment speed (quantity)	由於操作過程繁雜，且使用之藥劑多，故處理速度較慢，廢水處理量較少。 Due to the complicated operation process and the use of many chemicals, the treatment speed is slow and the amount of wastewater treatment is small.	因為單一藥劑，使用僅2條處理線，故處理速度較快，且廢水處理量較大。 Because only two treatment lines are used for a single agent, the treatment speed is fast and the amount of wastewater treatment is large.

多用途重金屬調合劑

Multi-purpose heavy metal blending agent

5.電力費用 Electricity cost	由於處理線較多條，且冗長，故電力費用較高。 Higher processing costs due to more processing lines and length.	處理方式簡單，處理線較短，所需電力僅傳統方式之 60% 。 The processing method is simple, the processing line is short, and the power required is only 60% of the traditional method.
6.人力費用 Labor costs	因為使用 3 套設備與 3 條處理線，故至少需 2 人以上監控處理。 Because 3 sets of equipment and 3 processing lines are used, at least 2 people need to monitor and process.	僅需 1 人即可。 Only one person is required.
7.廠房用地 Workshop land	廠房使用面積大。 Large plant area.	廠房使用面積僅約傳統作法之 60% 。 Plant use area is only about 60% of traditional practices.
8.環境衛生 (健康危害) Environmental hygiene (Health hazard)	反應當中產生硫化氫，危害人體健康及惡臭影響環境衛生。 Hydrogen sulfide is generated during the reaction, which harms human health and malodor and affects environmental hygiene.	無惡臭及其他有害物質產生，為最環保之反應過程。 No foul odor and other harmful substances are generated, which is the most environmentally friendly reaction process.

多用途重金屬調合劑 Multi-purpose heavy metal blending agent

◆ 硝酸鎳處理

Nickel nitrate treatment



元素 <small>element</small>	Ni(L)	Ni(S)	Cu	Cr
處理後濃度 <small>Post-treatment concentration</small>	<0.2ppm	>50000ppm	ND	ND

實績經驗

Performance experience

- 實績產品處理前後的比較

Compare the following product performance before and after treatment

(一)切銷廢液處理 Waste Processing



(二)液壓油處理 Hydraulic oil treatment



(三)清洗廢液處理
waste treatment



(四)廚餘廢液過濾處理
Food waste liquid treatment



切削廢液處理檢驗報告

Cutting Waste Processing Inspection Report



台灣鉅邁股份有限公司
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樣品檢驗報告表

委託單位: 股份有限公司
委託編號: TZ104-140
樣品基質: 未處理前廢液
採樣單位: 台灣鉅邁股份有限公司
採樣地點: 股份有限公司

採樣時間: 104年03月27日
收樣時間: 104年03月27日
報告日期: 104年04月07日
報告編號: TZ104-
聯絡人: 陳

原樣名稱 檢驗項目	壓延液#1	壓延液#2	壓延液#3	壓延液#4	檢驗方法
COD (mg/L)	605000	189600	3708	108	Kit法
油脂 (mg/L)	-	-	19.6	6.5	NIEA W505.51C

備註:
1. 本報告僅對該樣品負責。

收發專用章

覆 核
檢驗室主管: 王

王

台灣鉅邁股份有限公司
高雄辦事處
TEL: (07) 8720670

第 1 頁(共 1 頁)

可以處理什麼油品？

What oil can handle?

(1) 變壓器油、輪機油(透平油)的淨化

Transformer oil, turbine oil (turbine oil) purification

(2) 潤滑油、液壓油的除水及去除雜質過濾淨化

In addition to water and remove impurities lubricating oil, hydraulic oil filtration and purification

(3) 各類型工業用油的除水及去除雜質過濾淨化

In addition to water and to remove impurities of various types of industrial oil filtration and purification

(4) 溶性切削廢液、壓鑄離型劑廢液的淨化

Soluble cutting waste, die from the type of waste cleanup

(5) 脫脂洗淨廢液、研磨材廢液、銅線壓鑄廢液的淨化

Degreasing wash fluids, grinding waste timber, copper die-waste cleanup

經濟效益

Economic

- 垃圾減量，原來必須花錢請人運走，節省垃圾或汙泥處理成本。

The amount of garbage is reduced, and people have to spend money to remove it, which saves the cost of garbage or sludge treatment.

- 處理過後的油或水可以再利用，支出減少收入增加。

Treated oil or water can be reused, reducing expenses and increasing income.

適用行業

For industry

- 油水分離設備可運用於：

造紙廠、染整廠、鋼鐵業、發電廠、變電廠、電器製造廠、熱處理加工廠、石化工業、食品加工業、餐廳等行業，各級環境中之油水分離系統。

Oil-water separation equipment can be used:

Paper mills, dyeing and finishing plants, steel industry, power plants, variable power plants, electrical factory, heat treatment plants, petrochemical industry, food processing industry, restaurants and other industries, at all levels of the environment of the oil-water separator systems.

敬請指教



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