

**WAC 296-17A-3407 Classification 3407.**

**3407-00 Gas or oil dealers, wholesale or retail, including fuel oil, propane or butane**

Applies to establishments engaged in the distribution of fuel oil, liquefied petroleum gases (propane and butane) and gasoline on a retail or wholesale basis. Dealers may maintain their own storage tanks on their premises and receive gas or oil through a pipeline from a refinery, by rail or tanker truck, or they may receive their supplies from a separate distribution facility. Gas dealers will deliver gasoline and lubricating oils directly to retail gas stations in large tank trucks. Fuel oil is delivered to customers by pump trucks and pumped into the customer's tank. Liquefied petroleum gases (LPG) is delivered to customers by pump truck or in prefilled cylinders. Some dealers may also provide, through sale or lease, the installation and maintenance of gas appliances which is included in this classification when done by employees of an employer subject to this classification. This classification includes the incidental mixing or blending of oil or gas with additives, the draining, repair, installation or removal of customer's oil tanks, maintenance contracts and emergency repairs.

This classification excludes the repair, installation or removal of underground oil storage tanks by a contractor which is to be reported separately in classification 0108; the installation or repair of furnaces by a contractor which is to be reported separately in classification 0307; and the construction or repair of exterior commercial storage tanks by a contractor which is to be reported separately in classification 0508.

**3407-01 Asphalt, bitumen dealers**

Applies to establishments engaged as *dealers* of asphalt and bitumen which can be either a by-product of petroleum refining or found in naturally occurring deposits. Dealers may grind and mix the raw asphalt and bitumen with sand, gravel or limestone to produce a mixture which can be suitable for some paving applications or sold to an asphalt paving material manufacturer for further processing. The product is usually not packaged, but sold by the truckload. When this mixing process is conducted in connection with an oil/petroleum refining operation, it is to be reported in classification 3407-03.

This classification excludes the mining or quarrying of raw materials which is to be reported separately as applicable; establishments engaged in the manufacture of asphalt mixtures for road paving which is to be reported separately in classification 3407-18; and the paving of roads or other surfaces which is to be reported separately in classification 0210 or 0212.

**3407-02 Processing waste oils, solvents, antifreeze, paints, and similar materials**

Applies to establishments engaged in processing waste oils, used solvents, antifreeze, paints, and similar hazardous materials. Mobile recycling units engaged in similar activities are included in this classification. The processes used by establishments in this classification are similar in that a sample of the waste material usually has been laboratory tested so the composition of the substance is known prior to either being picked up by the establishment's own trucks, or delivered by the customer. Depending on the material and quantity, it may arrive in drums or by tanker trucks. Incoming oil is pumped into waste oil storage tanks where water settles out. After the settling process, the oil goes to treatment tanks where it is heated to boil

off remaining water and vaporize gases. There are other methods of recycling the oil, using chemicals, which are also included in this classification. The end product can be used in industrial burners or for cutter fuel. Solvents and antifreeze can be recycled through a distilling process, and used again.

This classification excludes establishments engaged in hazardous/toxic material processing or handling, not described above, such as processing of medical or septic tank waste, drug lab or hazardous spill cleanup (excluding oil spill cleanup on land - classification 0101), and reprocessing or handling of low-level radioactive materials which are to be reported separately in classification 4305.

**3407-03 Oil refining - Petroleum, including manufacture of products from oil; gasohol - Distilling or refining**

Applies to establishments engaged in the operation of oil refineries. Oil refineries receive crude oil by pipeline, truck or tanker ship, process it into products such as, but not limited to, gasoline, natural gas, kerosene, fuel oil, lubricating oils and asphalt, and distribute it to their customers. Current refining processes involve four basic steps; separation, conversion, treating and blending. These processes are highly automated and involve the use of receiving tanks, processing units, distillation towers, intermediate storage and pipelines. Included within the scope of this classification are any additional processing methods used to produce the finished secondary products. This classification includes the production of gasohol and the preliminary separation of crude oil (called "topping") at a well site by a contractor.

This classification excludes oil refinery maintenance by a contractor which is to be reported separately in classification 0603; construction of an oil refinery or storage tanks which is to be reported separately in classification 0508; cleaning of storage tanks by a contractor which is to be reported separately in classification 0504; operation of an oil well and incidental preliminary separation of crude oil ("topping") at the well site which is to be reported separately in classification 3407-05; and operation of an oil pipeline only which is to be reported separately in classification 3407-12.

**3407-04 Asphalt or tar - Distilling or refining**

Applies to establishments engaged in the production of commercial asphalt or tar. Products produced in this classification differ from those in 3407-01 in that products in 3407-04 are refined to, and sold as, a liquid or semiliquid. Low grade crude oil, petroleum distillate (by-product of oil refining operations) and coal-tar oil must be treated in a heat exchange system and still before undergoing a final processing in a fractioning tower (a process also used in oil refining) to separate the asphalt or tar. Finished products and by-products include, but are not limited to, asphalt roofing compound, asphalt for use in manufacturing felt roofing paper, trinidad asphalt used in road paving, tar to be used in various paving and waterproofing applications and coal tar which is used in drugs and waterproofing products. When this process is conducted in connection with an oil/petroleum refining operation, it is to be reported in classification 3407-03.

This classification excludes contractors engaged in distillery/refinery maintenance which is to be reported separately in classification 0603; contractors engaged in cleaning of storage tanks which is to be reported separately in classification 0504; and construction of refineries and storage tanks which is to be reported separately in classification 0508.

### **3407-05 Gas or oil well operation**

Applies to establishments or contractors engaged in the routine operation of producing oil or gas wells. Work contemplated by this classification includes, but is not limited to, all routine operation and maintenance required such as, but not limited to, land clearing and excavation to create slush pits, fire walls, pipe laying, machinery and equipment (such as oil, gas or water pumps) installation and operation, preliminary separation of crude oil, and monitoring of oil or gas production when performed by employees of an employer having operations subject to this classification.

This classification excludes derrick or storage tank erection which is to be reported separately in classification 0508; oil well drilling which is to be reported separately in classification 0103; excavation by a contractor which is to be reported separately in classification 0101; pipe laying by a contractor which is to be reported separately in classification 0107; cleaning of storage tanks by a contractor which is to be reported separately in classification 0504; machinery or equipment maintenance by a contractor which is to be reported separately in classification 0603; and the operation of an oil or gas pipeline only which is to be reported separately in classification 3407-12.

### **3407-07 Oil or gas wells - Cementing**

Applies to establishments engaged in providing cementing services to oil and gas well drilling operations. Cementing is required to fill the space between the outer edge of the hole being drilled and the metal casing which is being installed in segments to line the hole. The mixed cement is pumped, under pressure, down into the casing. When it reaches the bottom of the existing hole, the continuing pressure forces it upward around the outside of the casing to the top of the hole or to where it will meet the last segment to have been cemented. This will serve to keep the casing stable and also to prevent any leakage of oil or gas from the casing into the surrounding soil when the well is operational. Cementing contractors can use the drilling derrick already in place to support their machinery. This classification also includes filling the entire well hole with cement, after the casing is disassembled and removed, when the well is no longer operational.

This classification excludes oil or gas well cementing done by employees of an oil well drilling contractor which is to be reported separately in classification 0103.

### **3407-12 Oil or gas pipeline operation**

Applies to establishments engaged in operating an oil or gas pipeline. The pipeline may be used to transport crude oil from a well to a refinery or processed oil from a refinery to a remote storage facility or customer. Work contemplated by this classification includes, but is not limited to, operating and maintaining above or below-ground pipelines, feeder and distribution lines, pumping stations to maintain flow, storage facilities, and meters and monitoring equipment. This classification is appropriate whether the pipeline is being operated by the owner or a contractor.

This classification excludes oil or gas pipeline operations done in connection with an oil refinery which are to be reported in classification 3407-03; oil or gas pipeline operations done in connection with the operation of an oil or gas well which are to be reported in classification 3407-05; contractors engaged in above or below ground

pipe installation which is to be reported separately in classification 0107; construction of oil refineries and/or storage tanks which is to be reported separately in classification 0508; and the installation of pumps or monitoring equipment which is to be reported separately in classification 0603.

### **3407-17 Asphalt roofing material - Manufacturing**

Applies to establishments engaged in the manufacture of asphalt mixtures used in the preparation of building or roofing papers and shingles from raw materials purchased from others. The operations may include the incidental distillation of the asphalt flux.

*Asphalt Roofing Materials* - Some plants are fully automated, with controls, gauges, and valves housed in a separate room. Liquid asphalt flux, purchased from refineries, is hauled in by tanker trucks owned either by the refineries or the manufacturer, and is pumped directly into "air stills" or into holding tanks. An oxidation process takes place in the air stills. The asphalt flux is heated, then pumped into cooling tanks before it is pumped through pipes to a bulk loading/delivery station or to another area for further use. The processed hot asphalt may also be pumped into a blending tank where it can be blended with mineral spirits or naphtha to produce "cut-back" asphalt which is used in "cold asphalt" applications, or mixed with water to obtain an emulsified asphalt which "sets up" when it cools.

*Asphalt Impregnated Felt Roofing Paper* - Large rolls of felt paper are unrolled and automatically fed into a saturation tank where the paper is impregnated with the hot asphalt mixture. The paper then goes through several large rollers for cooling and smoothing, and is finally cut to size and rolled to produce rolls of asphalt coated felt roofing paper ready for use.

*Asphalt Fiberglass Shingles* - Limestone is delivered in bulk by suppliers' trucks and blown pneumatically into storage tanks. In the production processes it goes through a heater and is then mixed with the liquid asphalt. The production line starts with huge rolls of fiberglass which are fed continuously (roll ends spliced together automatically) into the process. The asphalt mixture is crushed into both sides of the fiberglass by large rollers and the excess asphalt scraped off. Granules are applied to the top side and sand is applied to the back side of the asphalt coated fiberglass. The coated fiberglass is then run through coolers. Granules are pressed into the coating and the material is fed/hung into "loopers" for additional cooling. After cooling, the coated material is automatically cut into strips, cut to specified width and length, "dragon teeth" (notches) cut, asphalt applied to the back of the "dragon teeth," then the "teeth" applied to the shims, and the asphalt shingle is complete.

This classification excludes asphalt or bitumen dealers who are to be reported separately in classification 3407-01, asphalt or tar distilling or refining operations which are to be reported separately in classification 3407-04, and asphalt paving material manufacturers who are to be reported separately in classification 3407-18.

### **3407-18 Asphalt paving material - Manufacturing**

Applies to establishments engaged in the manufacture of asphalt mixtures used for road paving operations from raw materials purchased from others. This classification applies only to the operation of the asphalt plant which usually consists of a loader, a control operator, and a maintenance worker. (To qualify for classification 3407-18 the maintenance worker's duties must relate *only* to the asphalt plant.) This classification does not apply to workers involved in pit, crusher

and bunker operations. The operations may include the incidental distillation of the asphalt flux which is included in this classification. Asphalt paving mixture plants are usually fully automated and controlled from a central control room overlooking the production area. Sand and gravel may be obtained from the producer's own gravel pit or purchased from independent suppliers. Liquid asphalt is obtained directly from either the refineries or from an asphalt dealer. Suppliers usually deliver raw materials to the manufacturing plant.

In a *batch plant*, each batch is made separately. The stored aggregate is loaded into hoppers, then carried by conveyor through a dust collecting system prior to entering the dryer drum. In the dryer drum the aggregate is dried and heated to specified temperatures before being conveyed to the "batcher" where it is screened, then stored in bins. Heated liquid asphalt is weighed to precise specifications required for that batch. Measured amounts of aggregate and liquid asphalt are in a pug mill to desired state, then discharge into trucks to be delivered to customers or stored in a silo.

In a *drum plant* the mix is continuous with several of the processing steps being combined in the drum. The measured cold aggregate is fed directly into the burner end of the drum for drying and heating. A measured amount of hot oil asphalt is dumped into the drum and mixed with the heated aggregate. The mixed product is conveyed into storage silos where it is held until pumped into delivery trucks.

This classification excludes workers involved in pit, crusher and bunker operations who are to be reported separately in classification 0112; paving contractors who manufacture asphalt paving material for their own use who are to be reported separately in the appropriate construction classifications; asphalt or bitumen dealers who are to be reported separately in classification 3407-01; asphalt or tar distilling or refining operations which are to be reported separately in classification 3407-04; and establishments engaged in the manufacture of asphalt roofing material which are to be reported separately in classification 3407-17.

**Special note:** If the product is manufactured by paving contractors for sale to the general public, as well as for their own use, and if the employees operating the asphalt plant have no other duties, classification 3407-18 would apply to the asphalt plant employees.

### **3407-19 Dewatering sludge; advanced recycling of plastics and tires; On-site oil filtering**

Applies to establishments engaged in providing mobile dewatering services to waste sludge producers through the use of mobile decanter centrifuges. The centrifuges and control instrumentation is highly specialized equipment designed specifically for the dewatering of sludge to concise quality specifications as determined by the client. Mobile decanter centrifuge installations include dredging and pumping equipment, flocculation systems, and portable electrical supply, as well as trucks for transferring the dewatered sludge. The ultimate disposal of the dewatered sludge is provided by either a subcontractor or by the client. The dewatered sludge can be used in a wide variety of applications such as composting and land reclamation. This classification also applies to establishments engaged in advanced recycling of plastics and tires. The process is similar to a small refinery. Either pelletized or shredded plastic material made from used consumer materials, or shredded used tire material may be used. The plastic or tire material is fed into a retort which decomposes the material using heat without oxygen, so the material is not burned. As the hot vapor

gas cools, it is condensed into oil. Oil from the plastic processing is shipped to refineries where it will be refined further into plastic base material. Oil from the chipped tires is usually sold to oil blending companies. This classification also applies to on-site oil filtering. The usual process is filtering the oil through a filtering mechanism and then back into its original tank. This service may be performed on ships, in industrial plants, or at gas or oil storage facilities.

This classification excludes the "rig up/down" process (unloading and setting up the equipment at a new job site, and tearing it down and loading it on trucks to haul it to the next job site) which is to be reported separately in classification 0603.

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