PurPOSE  To explain some of the physical disabilities arising from the inhalation of asbestos fibers, legal implications, theories regarding the application of coverage, and claim handling procedures.

INFORMATION  Asbestos injury litigation has been increasing dramatically since the mid-1970s. Many predict such litigation will continue to increase for another five to eight years. The impact of asbestos injury claims on CNA, corporately and on our individual claim offices, may be substantial. The information and direction in this procedure will assist in the processing and technical handling of asbestos injury claims.

Asbestos Injury  It is well established that inhalation or airborne asbestos fibers can cause several disabling respiratory diseases. The asbestos fiber is inhaled into the lungs and remains there indefinitely. It cannot be broken down by the lung's normal digestive mechanism, the lung will encase the fiber in an iron-rich protein and form an asbestos body. As these asbestos bodies develop, they restrict the capacity of the lung. This chemical process takes place slowly. It may be decades before there is any manifestation of disease. The three diseases that are medically most directly related to asbestos exposure are asbestosis, mesothelioma and bronchogenic carcinoma (lung cancer).

Asbestosis  This disease is a chronic lung disease that is distinguished from other lung disorders by calcification of the pleura (lung lining). Asbestosis is a restrictive lung disease. It decreases lung capacity and reduces oxygen levels of the blood. The disease is irreversible and progressive.

Mesothelioma  This disease is cancer of the pleura. It is always terminal, and life expectancy is usually less than one year. It is a disease unique to asbestos exposure.

PROTECTED MATERIAL

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ASBESTOS INJURY CLAIMS HANDLING PROCEDURE

Bronchogenic Carcinoma

This disease, also known as lung cancer, is malignant in nature, and is most commonly associated with cigarette smokers who have been exposed to asbestos. This disease has a latent period following inhalation of about fifteen years.

Legal Liability for Injuries

In 1973, the U.S. Appeals Court, Fifth Circuit, held in In re Fiberboard Paper Products诉讼, that all of the manufacturers involved in supplying asbestos products during the period of time that the worker was exposed to them could be held jointly and severally liable for an entire damage award. The involved asbestos-related products were determined to be inherently defective and unreasonably dangerous. Since that landmark decision, the incidence of asbestos-related injury litigation has increased dramatically.

In the typical lawsuit, a plaintiff, exposed to an asbestos-related product for several years, sues all of the manufacturers whose asbestos products were used at any of the locations at which the plaintiff was employed. The amount of asbestos dust from each such product to which the plaintiff was allegedly exposed cannot be determined with certainty.

Application of Insurance

Insurance protection of asbestos injury claims falls under the completed operations and product hazard coverage of general liability policies, and following excess policies. The determination of when an accident or occurrence took place is critical in determining which insurance policies, purchased by an asbestos manufacturer or supplier, apply to an individual claim. There are two principal theories regarding the application of coverage: the manifestation theory and the exposure theory.
STATEMENTS OF THE TRAVELERS INSURANCE COMPANY,
FILED IN THE UNITED STATES DISTRICT COURT FOR
THE EASTERN DISTRICT OF PENNSYLVANIA, ON
JULY 14, 1981

Medical and scientific evidence has established
that serious lung diseases can become known and obvious to a
worker many years after the worker is exposed to asbestos
products; indeed, the exposure to asbestos products may
occur twenty years or more prior to the condition of
asbestosis being diagnosed.

... an insult to the body occurs at the first
inhalation of asbestos and although changes take place
thereafter, it is not until the disease is relatively
advanced that a firm diagnosis of asbestosis can be made.

Asbestosis is a non-malignant disease resulting
from the inhalation of asbestos fibers of a certain length
over a considerable period of time causing a bodily reaction
that may eventually impair the function of the lungs. The
body has several defense mechanisms that exclude from the
functional areas of the lungs most of the foreign matter
inhaled. It also has a mechanism for removing such matter
that passes these defenses. Asbestos fibers of a certain
length, however, cannot be removed and become embedded in
the lung tissue in the areas where the alveoli are found and
where the transfer of gases in and out of the blood takes
place. Being unable to remove these minute particles of
foreign matter, the body copes by walling off the particles.
The walling off is done by a proliferation of fibrous cells
that eventually produce a dense scar-like material in the
functional area of the lungs. This process takes about six
(6) months and is irreversible. Each repetition of
inhalation and reaction adds a tiny deposit of scar-like
tissue in this critical area.

The accumulation of scar-like tissue decreases the
functional volume of the lungs, stiffens the passage ways,
and impedes the transfer of gases in and out of the blood.
If the process continues, the functional capacity of the lungs becomes inadequate to support normal activities and may eventually be unable to support life.

Asbestosis progresses slowly as a disease. Damage begins with the initial insult, and scar-like tissues build up over many years before symptoms become noticeable or a diagnosis can be made. In the majority of cases symptoms do not appear until more than twenty (20) years after initial exposure. The intensity and duration of each insult as well as the frequency of repetition combine with numerous individual characteristics to determine which persons who are exposed sustain noticeable lung damage, when functional impairment becomes noticeable, and what symptoms such a person finally demonstrates. Even if after a period of exposure, no additional asbestos fibers are inhaled, tissue change may nonetheless continue and be unnoticed for decades. Since the effects of tissue changes are cumulative, an exposed person's condition is the product of an unknowable sequence of insults arranged randomly or in groups along a continuum that stretches from as long as 50 years to less than six months prior to manifestation. Additional factors such as variations in ventilation, moisture in the air, and an exposed person's health at the time of any exposure combine to make it impossible to determine which exposure to asbestos caused injury or to determine when such a person becomes "diseased".

A second asbestos-caused disease, mesothelioma, is a malignant condition of cells lining the chest wall resulting in a tumor. This disease is rare except in persons who have been exposed to asbestos. The relationship between asbestos and mesothelioma is not well understood, and relatively small exposures over a period of a few years have been associated with this condition. The growth of a tumor generally follows a latent period of over 20 years during which there need not be any additional exposure. Diagnosis is possible within a short time of the beginning of tumor growth. Death follows diagnosis by less than two years in most cases. As with asbestosis it is virtually impossible to determine which exposure or exposures to asbestos cause the disease.